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Inventor Search

Epperson 09/836,145

26/08/2003

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L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:763323 HCAPLUS  
DOCUMENT NUMBER: 135:315598  
TITLE: Methods for proteomic analysis using activity based  
probes for target proteins  
INVENTOR(S): Cravatt, Benjamin F.; Sorensen, Erik  
; Patricelli, Matthew; Lovato,  
Martha; Adam, Gregory  
PATENT ASSIGNEE(S): Scripps Research Institute, USA  
SOURCE: PCT Int. Appl., 119 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077684	A2	20011018	WO 2000-US34187	20001215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002045194	A1	20020418	US 2000-738954	20001215
EP 1275006	A2	20030115	EP 2000-990226	20001215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002040275	A1	20020404	US 2001-836148	20010416
US 2002064799	A1	20020530	US 2001-836145	20010416
US 2002182652	A1	20021205	US 2002-158498	20020529
PRIORITY APPLN. INFO.:			US 2000-195954P	P 20000410
			US 2000-212891P	P 20000620
			US 2000-222532P	P 20000802
			US 2000-738271	A1 20001215
			US 2000-738954	A1 20001215
			WO 2000-US34187	W 20001215

OTHER SOURCE(S): MARPAT 135:315598

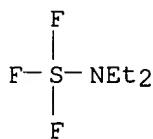
AB The present invention provides methods for analyzing proteomes, as cells or lysates. The anal. is based on the use of probes that have specificity to the active form of proteins, particularly enzymes and receptors. The probes can be identified in different ways. In accordance with the present invention, a method is provided for generating and screening compd. libraries that are used for the identification of lead mols., and for the parallel identification of their biol. targets. By appending specific functionalities and/or groups to one or more binding moieties, the reactive functionalities gain binding affinity and specificity for particular proteins and classes of proteins. Such libraries of candidate compds., referred to herein as activity-based probes, or ABPs, are used to screen for one or more desired biol. activities or target proteins.

IT 38078-09-0, (Diethylamino)sulfur trifluoride

RL: RCT (Reactant); RACT (Reactant or reagent)

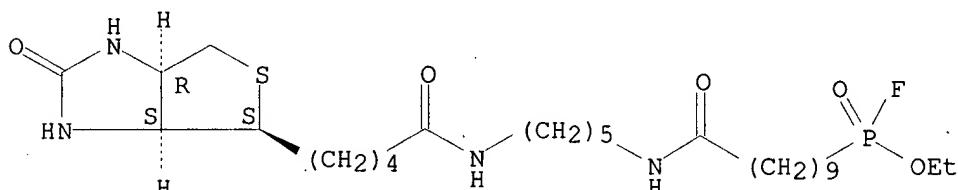
(DAST; methods for proteomic anal. using activity based probes for target proteins) .

RN 38078-09-0 HCPLUS  
 CN Sulfur, (N-ethyllethanaminato)trifluoro-, (T-4)- (9CI) (CA INDEX NAME)

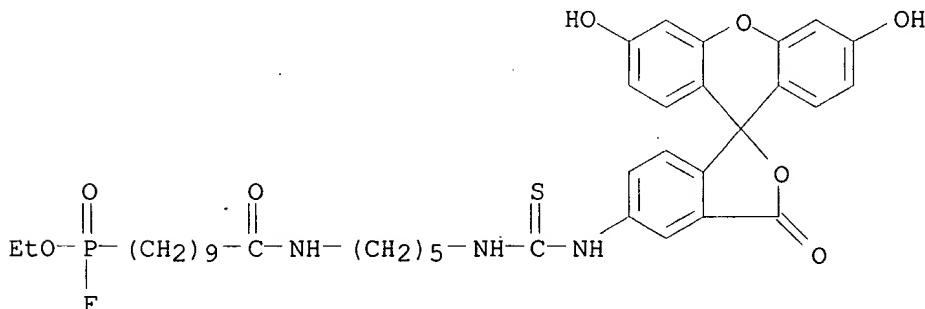


IT 259270-28-5P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (FP-biotin; methods for proteomic anal. using activity based probes for target proteins)  
 RN 259270-28-5 HCPLUS  
 CN Phosphonofluoridic acid, [10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 259270-29-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (FP-fluorescein; methods for proteomic anal. using activity based probes for target proteins)  
 RN 259270-29-6 HCPLUS  
 CN Phosphonofluoridic acid, [10-[[5-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)



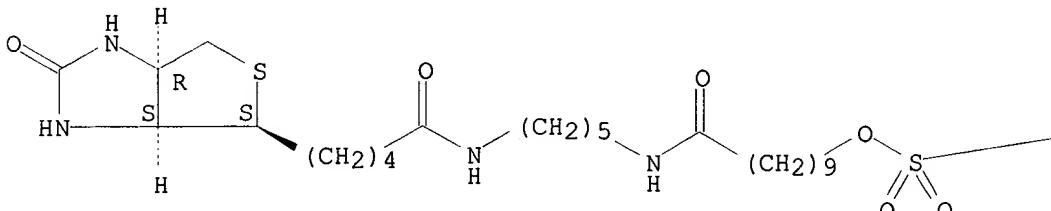
IT 9028-86-8, Aldehyde dehydrogenase  
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)  
 (cytosolic class I; methods for proteomic anal. using activity based

probes for target proteins)  
RN 9028-86-8 HCPLUS  
CN Dehydrogenase, aldehyde (9CI) (CA INDEX NAME)

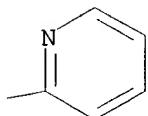
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
IT 9027-41-2, Hydrolase  
RL: ANT (Analyte); CAT (Catalyst use); PRP (Properties); ANST (Analytical study); USES (Uses)  
(methods for proteomic anal. using activity based probes for target proteins)  
RN 9027-41-2 HCPLUS  
CN Hydrolase (9CI) (CA INDEX NAME)  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
IT 342792-17-0P 342792-18-1P 342792-19-2P  
342792-20-5P 342792-21-6P 342792-22-7P  
342792-23-8P 342792-24-9P 342792-25-0P  
342792-26-1P 342792-27-2P 367480-61-3P  
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)  
(methods for proteomic anal. using activity based probes for target proteins)  
RN 342792-17-0 HCPLUS  
CN 2-Pyridinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

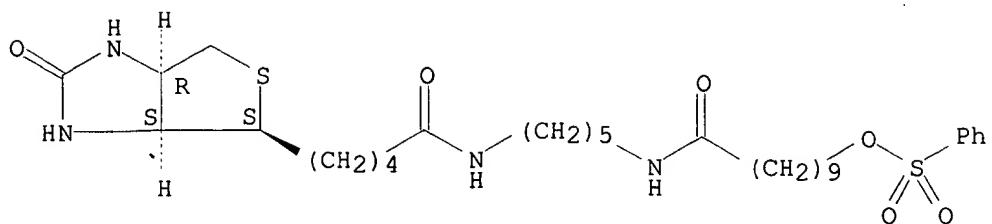


PAGE 1-B



RN 342792-18-1 HCPLUS  
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[5-[[1-oxo-10-[(phenylsulfonyl)oxy]decyl]amino]pentyl]-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

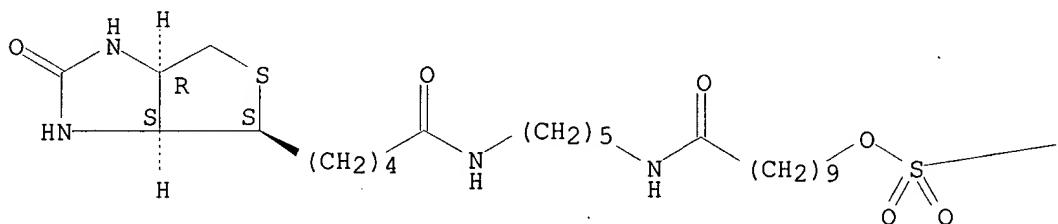


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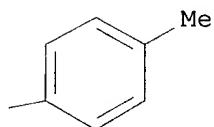
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[[4-methylphenyl]sulfonyl]oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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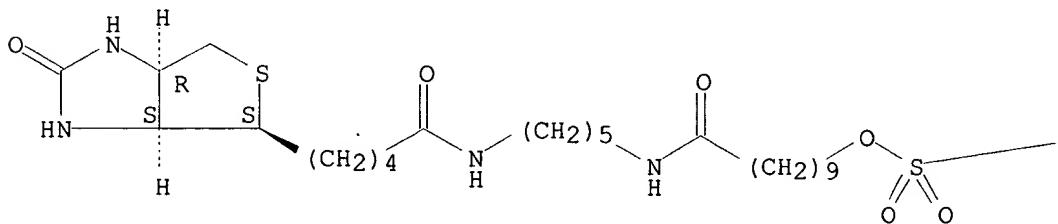


RN 342792-20-5 HCAPLUS

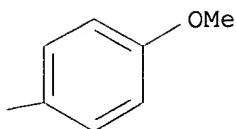
CN Benzenesulfonic acid, 4-methoxy-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



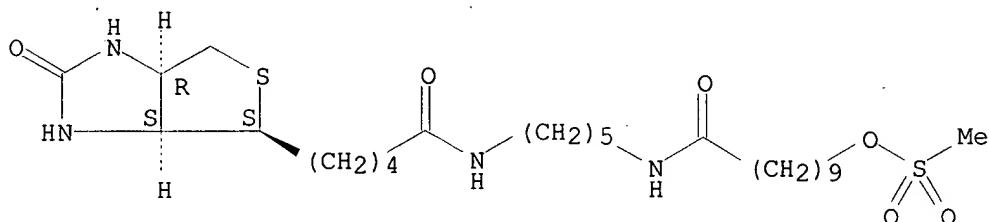
PAGE 1-B



RN 342792-21-6 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[(methylsulfonyl)oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)- (9CI)  
(CA INDEX NAME)

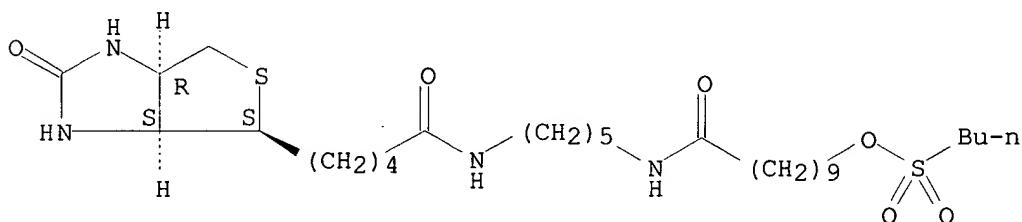
Absolute stereochemistry.



RN 342792-22-7 HCAPLUS

CN 1-Butanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

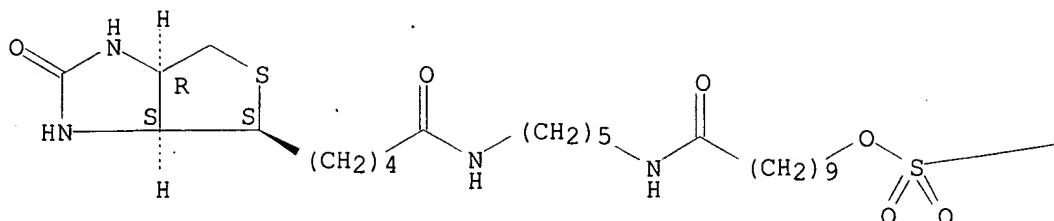


RN 342792-23-8 HCAPLUS

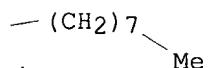
CN 1-Octanesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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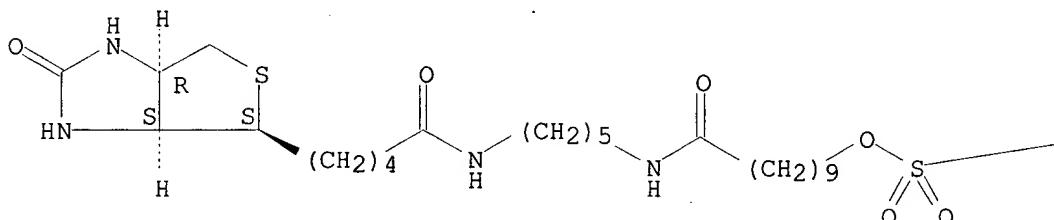


RN 342792-24-9 HCAPLUS

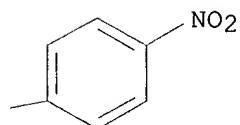
CN Benzenesulfonic acid, 4-nitro-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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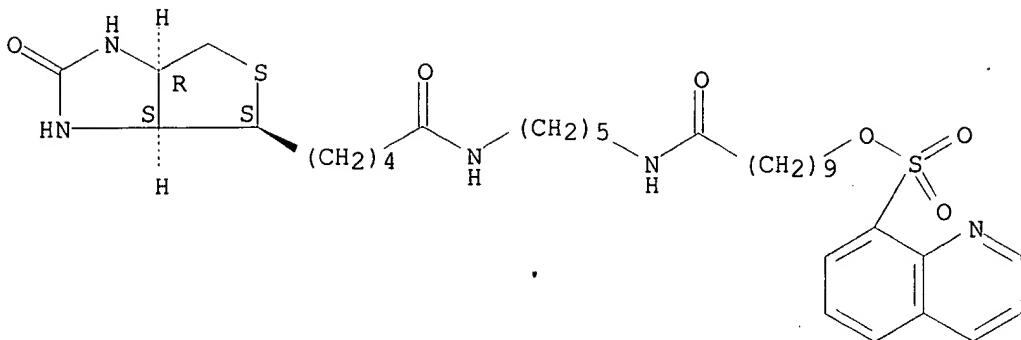
PAGE 1-B



RN 342792-25-0 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

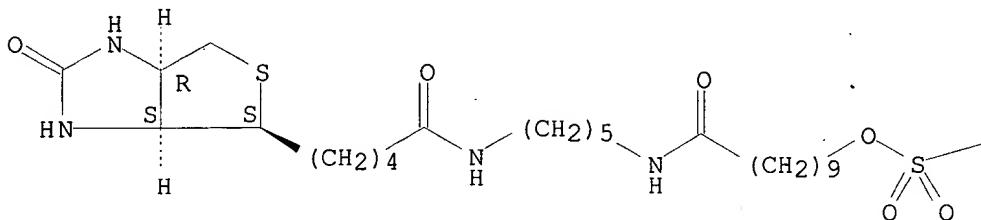


RN 342792-26-1 HCAPLUS

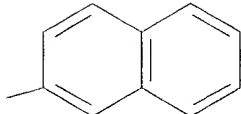
CN 2-Naphthalenesulfonic acid, 10-[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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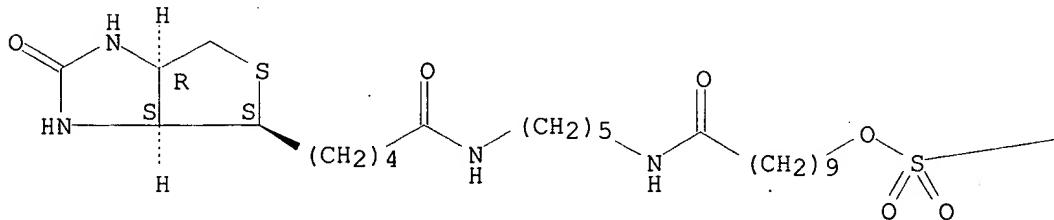


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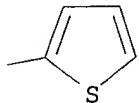
CN 2-Thiophenesulfonic acid, 10-[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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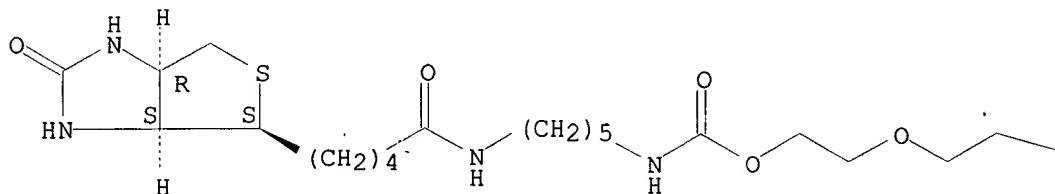


RN 367480-61-3 HCAPLUS

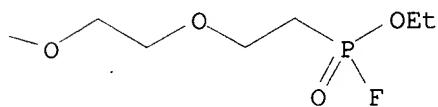
CN Phosphonofluoridic acid, [25-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-13,21-dioxo-3,6,9,12-tetraoxa-14,20-diazapentacos-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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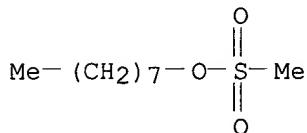


IT 16156-52-8P 117800-97-2P 126092-21-5P

RL: ARU (Analytical role, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)  
(methods for proteomic anal. using activity based probes for target proteins)

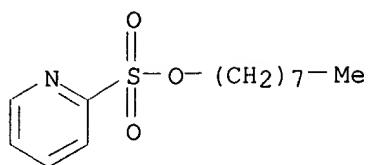
RN 16156-52-8 HCAPLUS

CN Methanesulfonic acid, octyl ester (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



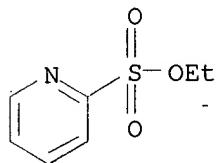
RN 117800-97-2 HCAPLUS

CN 2-Pyridinesulfonic acid, octyl ester (9CI) (CA INDEX NAME)



RN 126092-21-5 HCPLUS

CN 2-Pyridinesulfonic acid, ethyl ester (9CI) (CA INDEX NAME)



IT 52-90-4, Cysteine, properties 56-84-8, L-Aspartic acid, properties 56-86-0, L-Glutamic acid, properties 58-85-5, Biotin 71-00-1, Histidine, properties 107-29-9D, alpha.-halo derivs. 13537-32-1D, Fluorophosphoric acid, derivs.

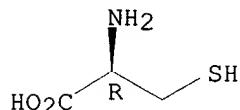
RL: PRP (Properties)

(methods for proteomic anal. using activity based probes for target proteins)

RN 52-90-4 HCPLUS

CN L-Cysteine (9CI) (CA INDEX NAME)

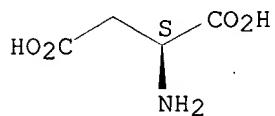
Absolute stereochemistry.



RN 56-84-8 HCPLUS

CN L-Aspartic acid (9CI) (CA INDEX NAME)

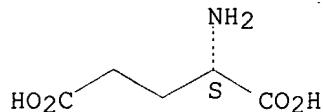
Absolute stereochemistry. Rotation (+).



RN 56-86-0 HCPLUS

CN L-Glutamic acid (9CI) (CA INDEX NAME)

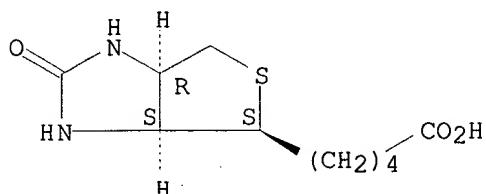
Absolute stereochemistry.



RN 58-85-5 HCPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-,  
(3aS,4S,6aR)- (9CI) (CA INDEX NAME)

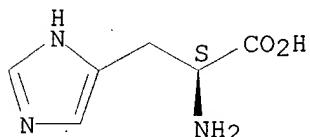
Absolute stereochemistry. Rotation (+).



RN 71-00-1 HCPLUS

CN L-Histidine (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



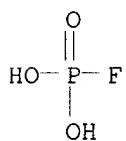
RN 107-29-9 HCPLUS

CN Acetaldehyde, oxime (6CI, 8CI, 9CI) (CA INDEX NAME)

 $\text{H}_3\text{C}-\text{CH}=\text{N}-\text{OH}$ 

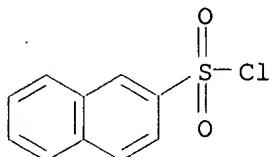
RN 13537-32-1 HCPLUS

CN Phosphorofluoridic acid (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

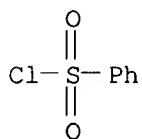


IT 93-11-8, 2-Naphthalenesulfonyl chloride 98-09-9,  
Benzenesulfonyl chloride 98-59-9 98-68-0  
98-74-8 111-87-5, 1-Octanol, reactions 112-43-6  
, 10-Undecen-1-ol 112-60-7 121-44-8, Triethylamine,  
reactions 122-52-1, Triethylphosphite 124-63-0,  
Methanesulfonyl chloride 2386-60-9, 1-Butanesulfonyl chloride  
2857-97-8, Trimethylsilyl bromide 6066-82-6,  
N-Hydroxysuccinimide 7790-28-5 7795-95-1,  
1-Octanesulfonyl chloride 10049-08-8, Ruthenium chloride (RuCl3)  
16629-19-9, 2-Thiophenesulfonyl chloride 18704-37-5,  
8-Quinolinesulfonyl chloride 66715-65-9, 2-Pyridylsulfonyl  
chloride 115416-38-1, 5-(Biotinamido)pentylamine  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(methods for proteomic anal. using activity based probes for target

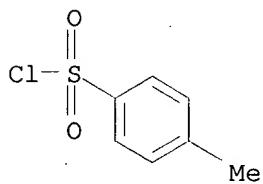
proteins)  
 RN 93-11-8 HCPLUS  
 CN 2-Naphthalenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



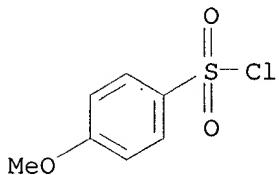
RN 98-09-9 HCPLUS  
 CN Benzenesulfonyl chloride (8CI, 9CI) (CA INDEX NAME)



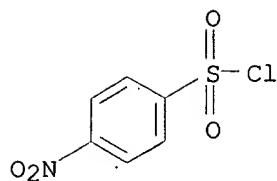
RN 98-59-9 HCPLUS  
 CN Benzenesulfonyl chloride, 4-methyl- (9CI) (CA INDEX NAME)



RN 98-68-0 HCPLUS  
 CN Benzenesulfonyl chloride, 4-methoxy- (9CI) (CA INDEX NAME)



RN 98-74-8 HCPLUS  
 CN Benzenesulfonyl chloride, 4-nitro- (9CI) (CA INDEX NAME)



RN 111-87-5 HCAPLUS  
 CN 1-Octanol (9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>7</sub>-Me

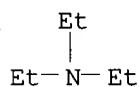
RN 112-43-6 HCAPLUS  
 CN 10-Undecen-1-ol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

H<sub>2</sub>C=CH-(CH<sub>2</sub>)<sub>9</sub>-OH

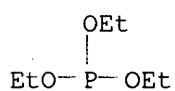
RN 112-60-7 HCAPLUS  
 CN Ethanol, 2,2'-[oxybis(2,1-ethanediyl)oxy]bis- (9CI) (CA INDEX NAME)

HO-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-O-CH<sub>2</sub>-CH<sub>2</sub>-OH

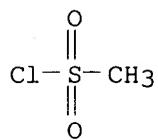
RN 121-44-8 HCAPLUS  
 CN Ethanamine, N,N-diethyl- (9CI) (CA INDEX NAME)



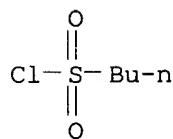
RN 122-52-1 HCAPLUS  
 CN Phosphorous acid, triethyl ester (8CI, 9CI) (CA INDEX NAME)



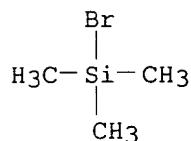
RN 124-63-0 HCAPLUS  
 CN Methanesulfonyl chloride (6CI, 8CI, 9CI) (CA INDEX NAME)



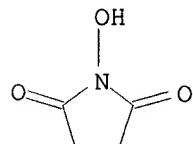
RN 2386-60-9 HCAPLUS  
 CN 1-Butanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



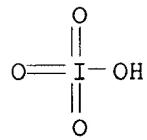
RN 2857-97-8 HCAPLUS  
 CN Silane, bromotrimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 6066-82-6 HCAPLUS  
 CN 2,5-Pyrrolidinedione, 1-hydroxy- (9CI) (CA INDEX NAME)

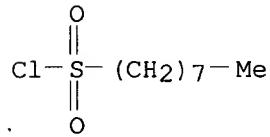


RN 7790-28-5 HCAPLUS  
 CN Periodic acid ( $\text{HIO}_4$ ), sodium salt (8CI, 9CI) (CA INDEX NAME)



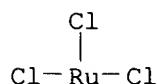
Na

RN 7795-95-1 HCAPLUS  
 CN 1-Octanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)

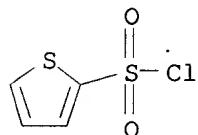


RN 10049-08-8 HCAPLUS

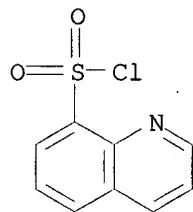
CN Ruthenium chloride (RuCl<sub>3</sub>) (6CI, 8CI, 9CI) (CA INDEX NAME)



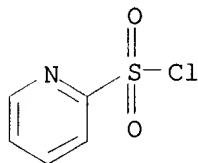
RN 16629-19-9 HCAPLUS  
 CN 2-Thiophenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 18704-37-5 HCAPLUS  
 CN 8-Quinolinesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

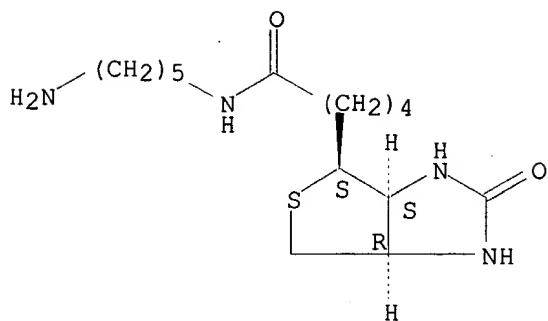


RN 66715-65-9 HCAPLUS  
 CN 2-Pyridinesulfonyl chloride (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 115416-38-1 HCAPLUS  
 CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(5-aminopentyl)hexahydro-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

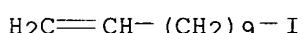
Absolute stereochemistry.



IT 7766-49-6P 51148-67-5P 52355-50-7P  
 83637-49-4P 134179-40-1P 156125-40-5P  
 259270-26-3P 259270-27-4P 338964-01-5P  
 338964-02-6P 338964-03-7P 338964-04-8P  
 338964-05-9P 338964-06-0P 342792-15-8P  
 342792-16-9P 367478-49-7P 367478-57-7P  
 367478-66-8P 367478-71-5P 367478-76-0P  
 367478-80-6P 367478-84-0P 367478-88-4P  
 367478-96-4P 367479-00-3P 367479-05-8P  
 367479-14-9P 367479-19-4P 367479-24-1P  
 367479-27-4P 367479-31-0P 367479-35-4P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (methods for proteomic anal. using activity based probes for target  
 proteins)

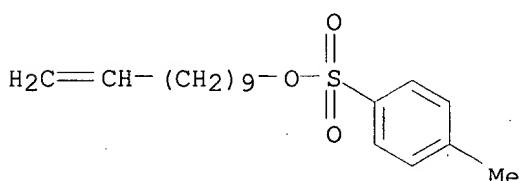
RN 7766-49-6 HCAPLUS

CN 1-Undecene, 11-iodo- (7CI, 8CI, 9CI) (CA INDEX NAME)



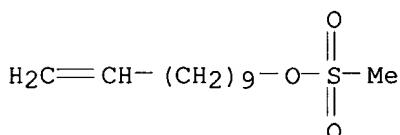
RN 51148-67-5 HCAPLUS

CN 10-Undecen-1-ol, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

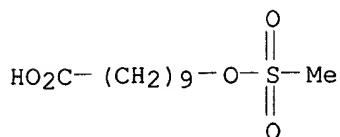


RN 52355-50-7 HCAPLUS

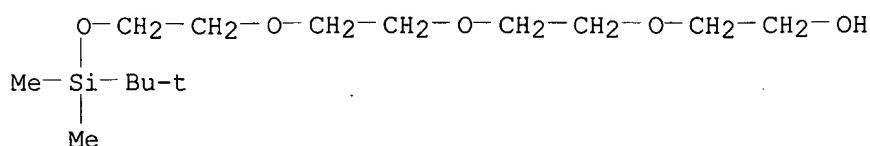
CN 10-Undecen-1-ol, methanesulfonate (9CI) (CA INDEX NAME)



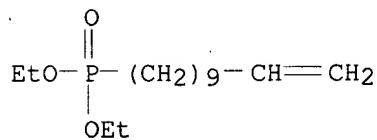
RN 83637-49-4 HCAPLUS  
 CN Decanoic acid, 10-[(methylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



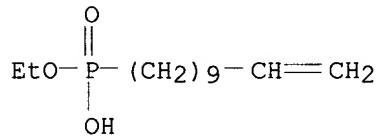
RN 134179-40-1 HCAPLUS  
 CN 4,7,10,13-Tetraoxa-3-silapentadecan-15-ol, 2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



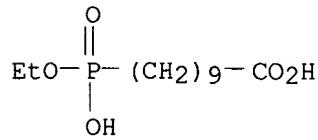
RN 156125-40-5 HCAPLUS  
 CN Phosphonic acid, 10-undecenyl-, diethyl ester (9CI) (CA INDEX NAME)



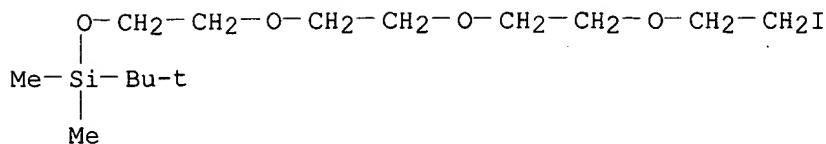
RN 259270-26-3 HCAPLUS  
 CN Phosphonic acid, 10-undecenyl-, monoethyl ester (9CI) (CA INDEX NAME)



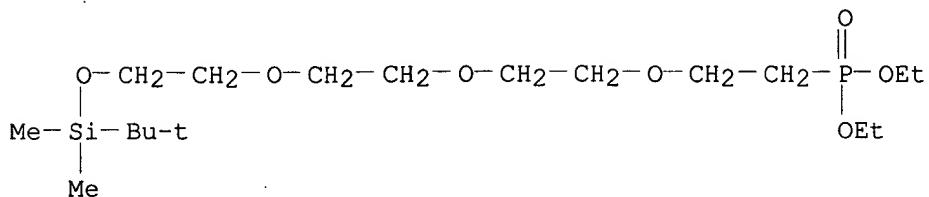
RN 259270-27-4 HCAPLUS  
 CN Decanoic acid, 10-(ethoxyhydroxyphosphinyl)- (9CI) (CA INDEX NAME)



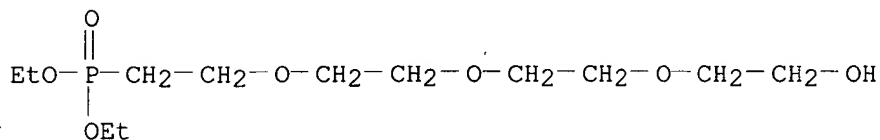
RN 338964-01-5 HCAPLUS  
 CN 4,7,10,13-Tetraoxa-3-silapentadecane, 15-iodo-2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



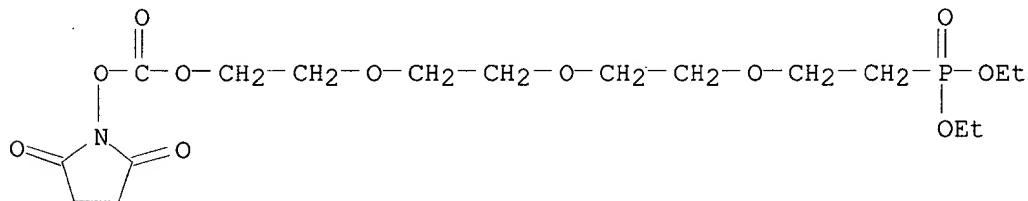
RN 338964-02-6 HCAPLUS  
 CN Phosphonic acid, (13,13,14,14-tetramethyl-3,6,9,12-tetraoxa-13-silapentadec-1-yl)-, diethyl ester (9CI) (CA INDEX NAME)



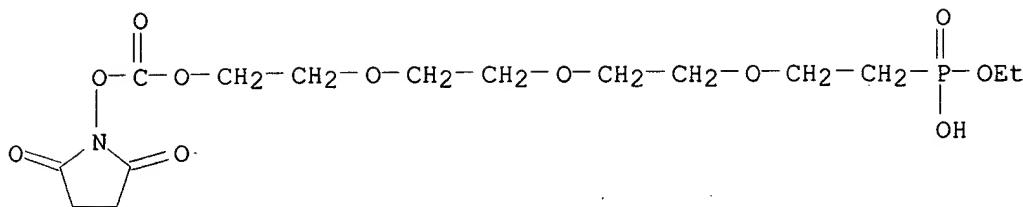
RN 338964-03-7 HCAPLUS  
 CN Phosphonic acid, [2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl]-, diethyl ester (9CI) (CA INDEX NAME)



RN 338964-04-8 HCAPLUS  
 CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, diethyl ester (9CI) (CA INDEX NAME)

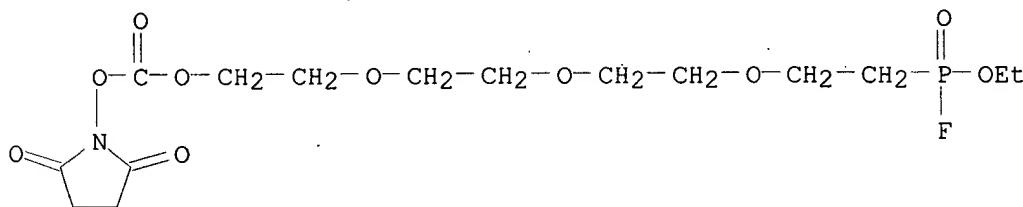


RN 338964-05-9 HCAPLUS  
 CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, monoethyl ester (9CI) (CA INDEX NAME)



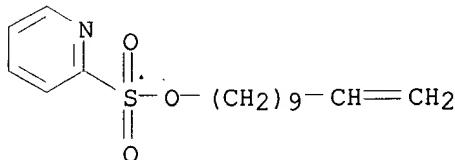
RN 338964-06-0 HCAPLUS

CN Phosphonofluoridic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)



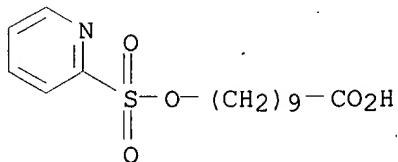
RN 342792-15-8 HCAPLUS

CN 2-Pyridinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



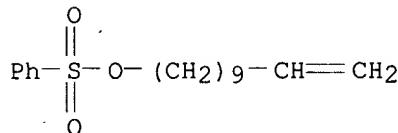
RN 342792-16-9 HCAPLUS

CN Decanoic acid, 10-[(2-pyridinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



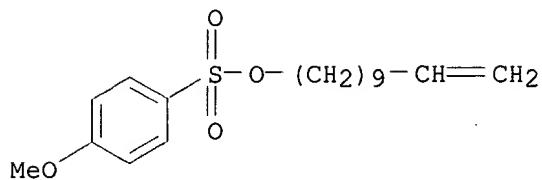
RN 367478-49-7 HCAPLUS

CN 10-Undecen-1-ol, benzenesulfonate (9CI) (CA INDEX NAME)



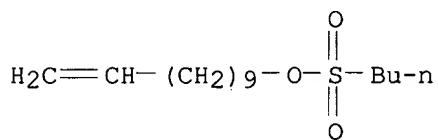
RN 367478-57-7 HCAPLUS

CN Benzenesulfonic acid, 4-methoxy-, 10-undecenyl ester (9CI) (CA INDEX NAME)



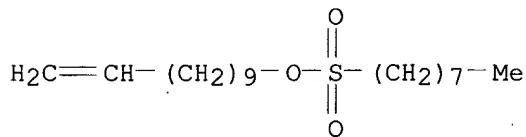
RN 367478-66-8 HCAPLUS

CN 1-Butanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



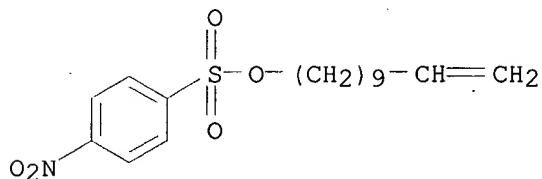
RN 367478-71-5 HCAPLUS

CN 1-Octanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



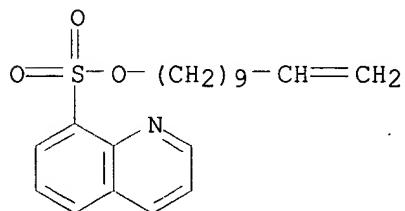
RN 367478-76-0 HCAPLUS

CN Benzenesulfonic acid, 4-nitro-, 10-undecenyl ester (9CI) (CA INDEX NAME)



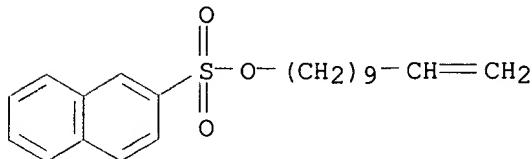
RN 367478-80-6 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



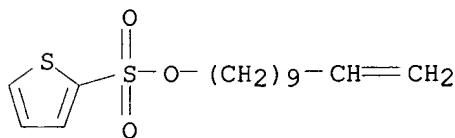
RN 367478-84-0 HCAPLUS

CN 2-Naphthalenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



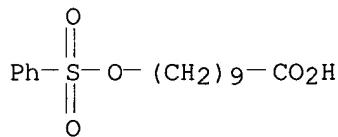
RN 367478-88-4 HCAPLUS

CN 2-Thiophenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



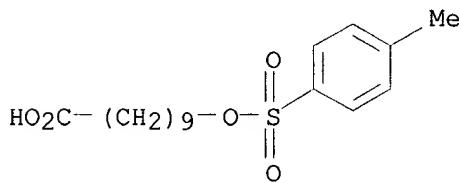
RN 367478-96-4 HCAPLUS

CN Decanoic acid, 10-[(phenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



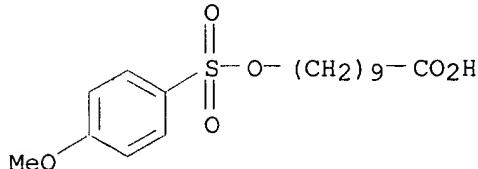
RN 367479-00-3 HCAPLUS

CN Decanoic acid, 10-[[[4-methylphenyl]sulfonyl]oxy]- (9CI) (CA INDEX NAME)



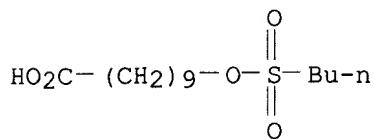
RN 367479-05-8 HCAPLUS

CN Decanoic acid, 10-[[[4-methoxyphenyl]sulfonyl]oxy]- (9CI) (CA INDEX NAME)



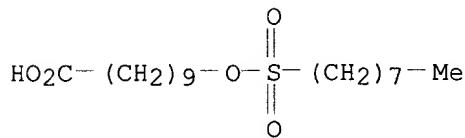
RN 367479-14-9 HCAPLUS

CN Decanoic acid, 10-[(butylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



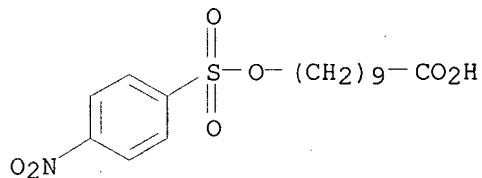
RN 367479-19-4 HCAPLUS

CN Decanoic acid, 10-[(octylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



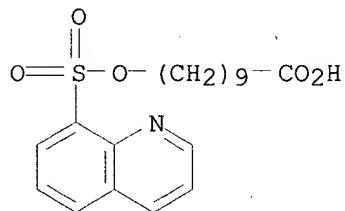
RN 367479-24-1 HCAPLUS

CN Decanoic acid, 10-[[ (4-nitrophenyl)sulfonyl]oxy]- (9CI) (CA INDEX NAME)



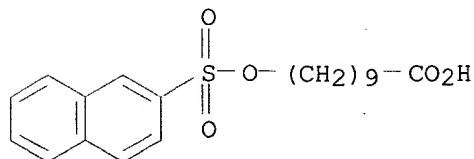
RN 367479-27-4 HCAPLUS

CN Decanoic acid, 10-[(8-quinolinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



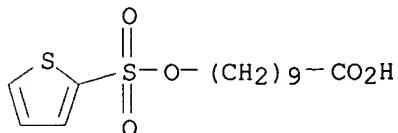
RN 367479-31-0 HCAPLUS

CN Decanoic acid, 10-[(2-naphthalenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-35-4 HCAPLUS

CN Decanoic acid, 10-[(2-thienylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



IT 367944-46-5 367944-47-6 367944-49-8

**367944-51-2 367944-54-5 368436-43-5**

**368436-44-6**   **368436-45-7**   **368436-46-8**

**368436-47-9**

BL · PRP (Pr)

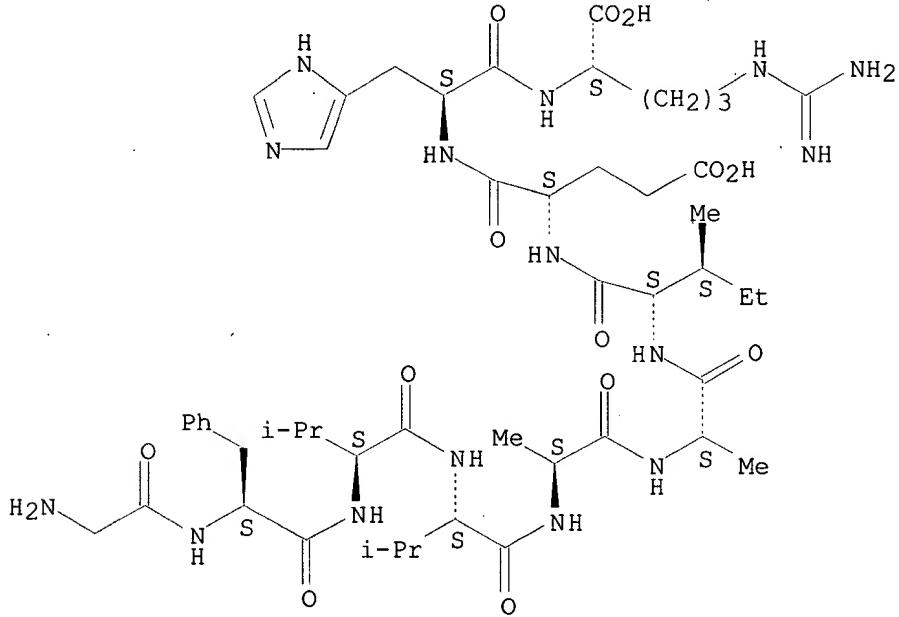
RE: TRI (Properties)  
(unclaimed sequen

(uncited sequence, methods for proteomic anal. using activity based probes for target proteins)  
7944-46-5 HCABPLUS

RN 367944-46-5 HCAPLUS

CN L-Arginine, glycyl-L-phenylalanyl-L-valyl-L-valyl-L-alanyl-L-alanyl-L-isoleucyl-L-.alpha.-glutamyl-L-histidyl- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

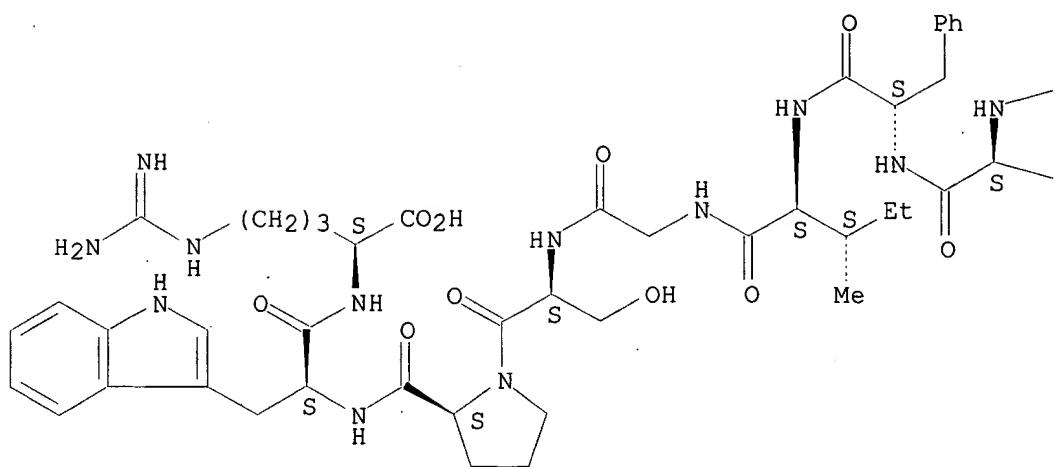


RN 367944-47-6 HCAPLUS

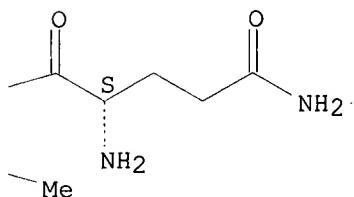
CN L-Arginine, L-glutaminyl-L-alanyl-L-phenylalanyl-L-isoleucylglycyl-L-seryl-L-prolyl-L-tryptophyl- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

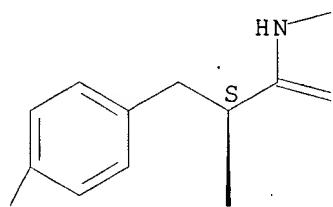
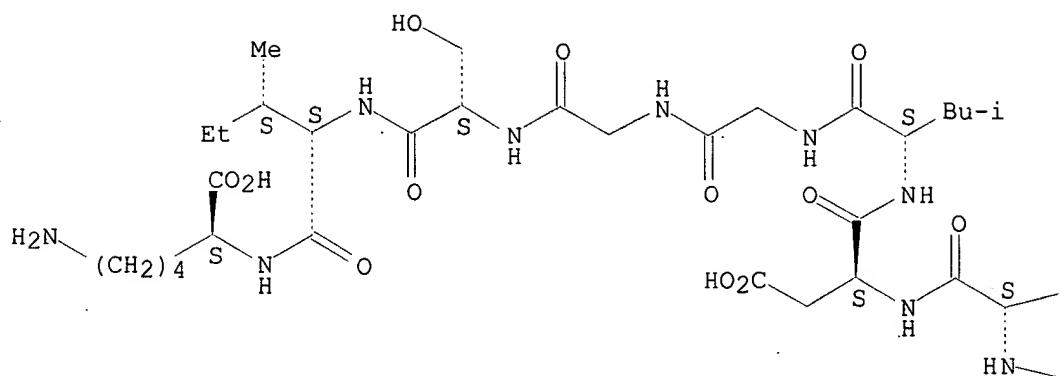


RN 367944-49-8 HCAPLUS

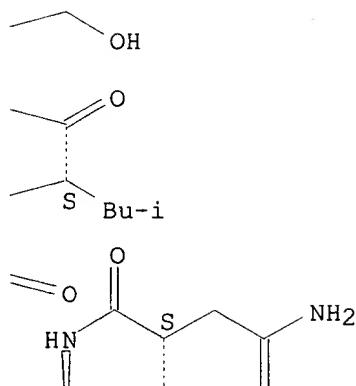
CN L-Lysine, L-valyl-L-phenylalanyl-L-alanyl-L-asparaginyl-L-alanyl-L-tyrosyl-L-leucyl-L-seryl-L-.alpha.-aspartyl-L-leucylglycylglycyl-L-seryl-L-isoleucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

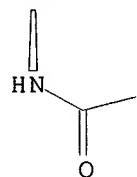
PAGE 1-A



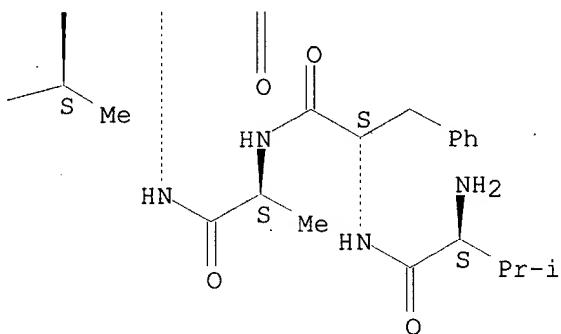
PAGE 1-B



PAGE 2-A



PAGE 2-B

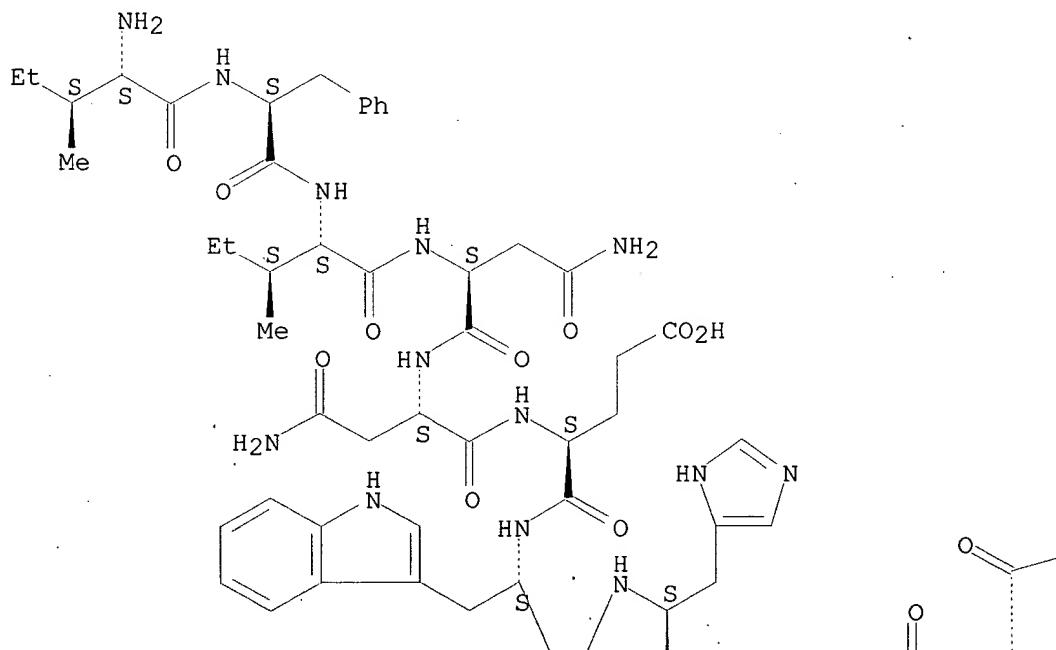


RN 367944-51-2 HCPLUS

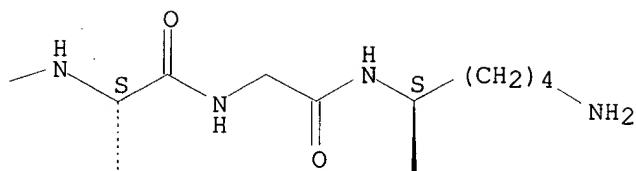
CN L-Lysine, L-isoleucyl-L-phenylalanyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L-.alpha.-glutamyl-L-tryptophyl-L-histidyl-L-.alpha.-aspartyl-L-seryl-L-valyl-L-serylglycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

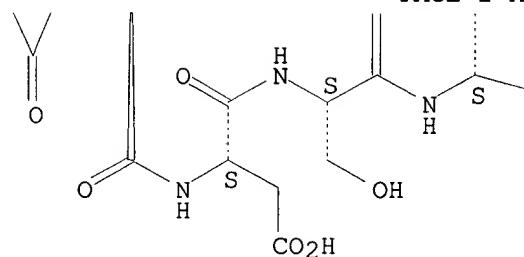
PAGE 1-A



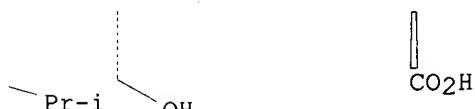
PAGE 1-B



PAGE 2-A



PAGE 2-B

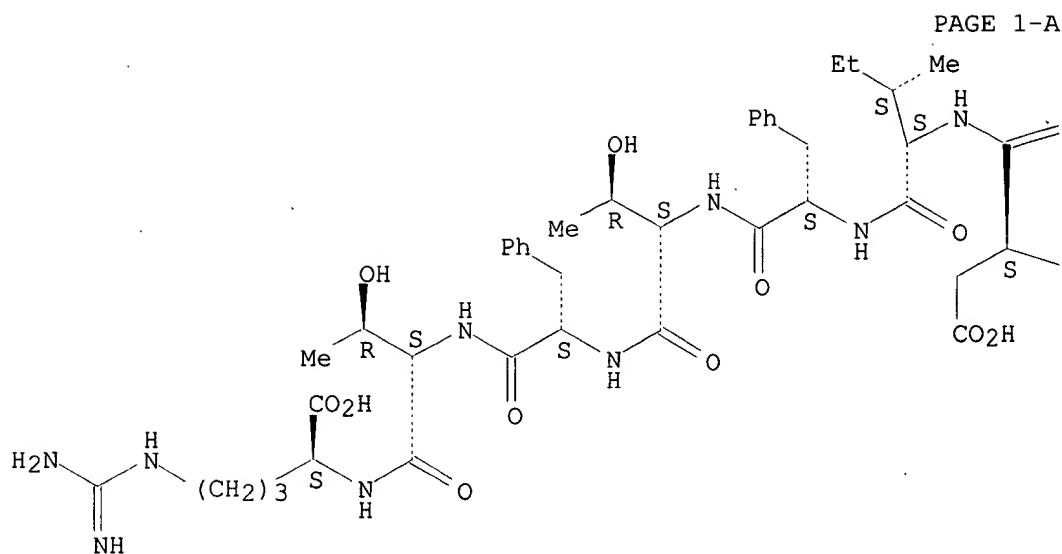


RN 367944-54-5 HCPLUS

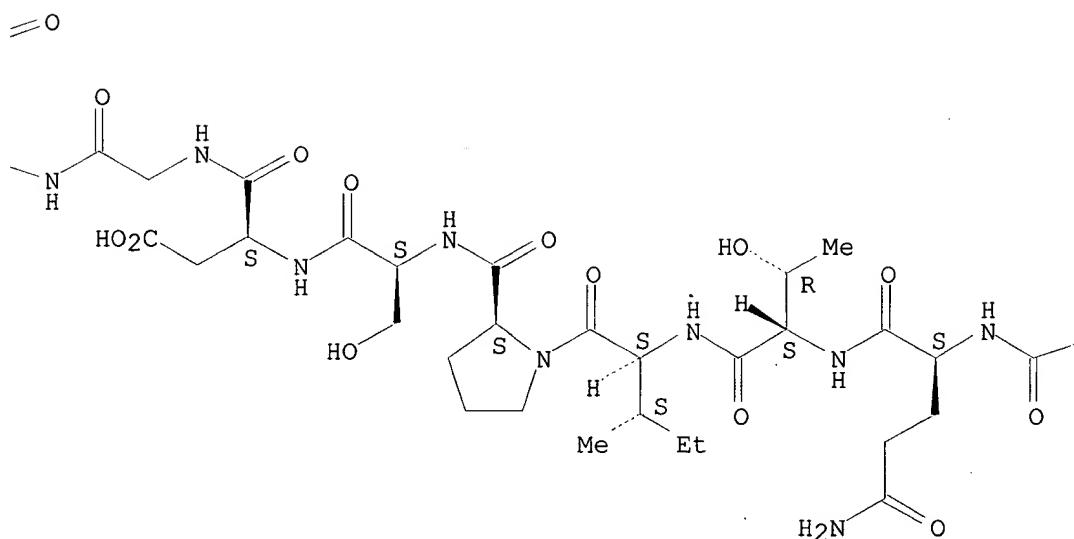
CN L-Arginine, L-isoleucyl-L-histidylglycyl-L-glutaminyl-L-threonyl-L-isoleucyl-L-prolyl-L-seryl-L-.alpha.-aspartylglycyl-L-.alpha.-aspartyl-L-isoleucyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

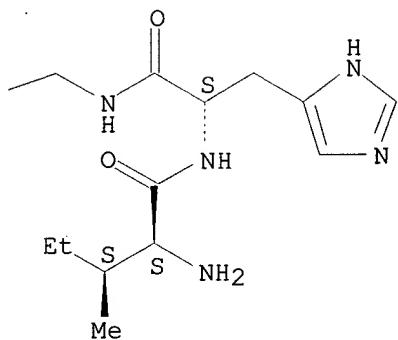
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PAGE 1-B



PAGE 1-C

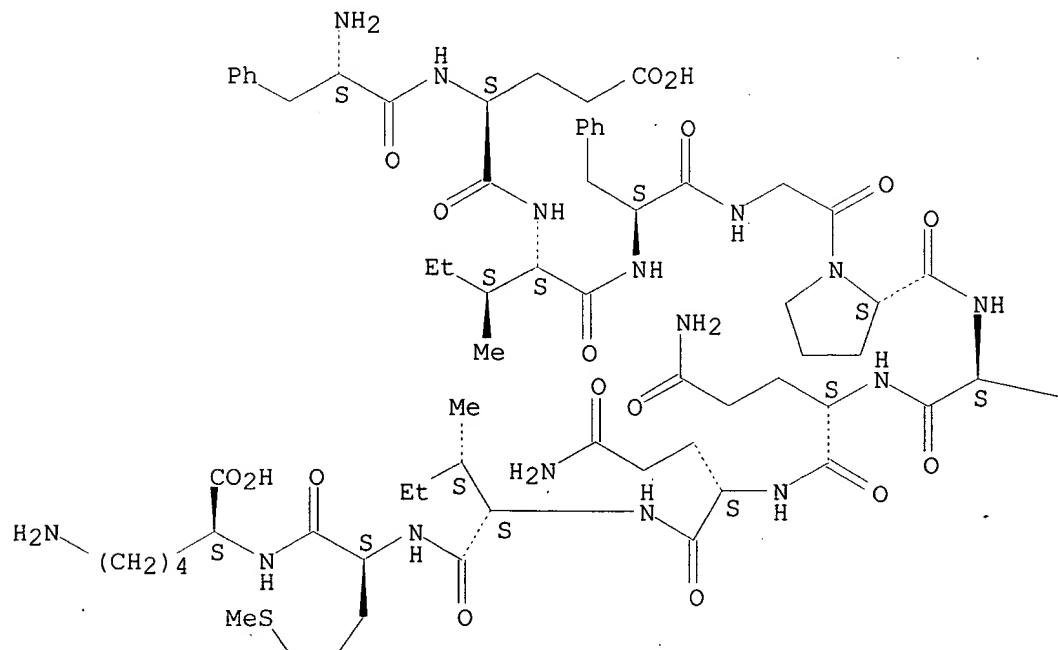


RN 368436-43-5 HCPLUS

CN L-Lysine, L-phenylalanyl-L-.alpha.-glutamyl-L-isoleucyl-L-phenylalanylglycyl-L-prolyl-L-valyl-L-glutaminyl-L-glutaminyl-L-isoleucyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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Pr-i

PAGE 2-A



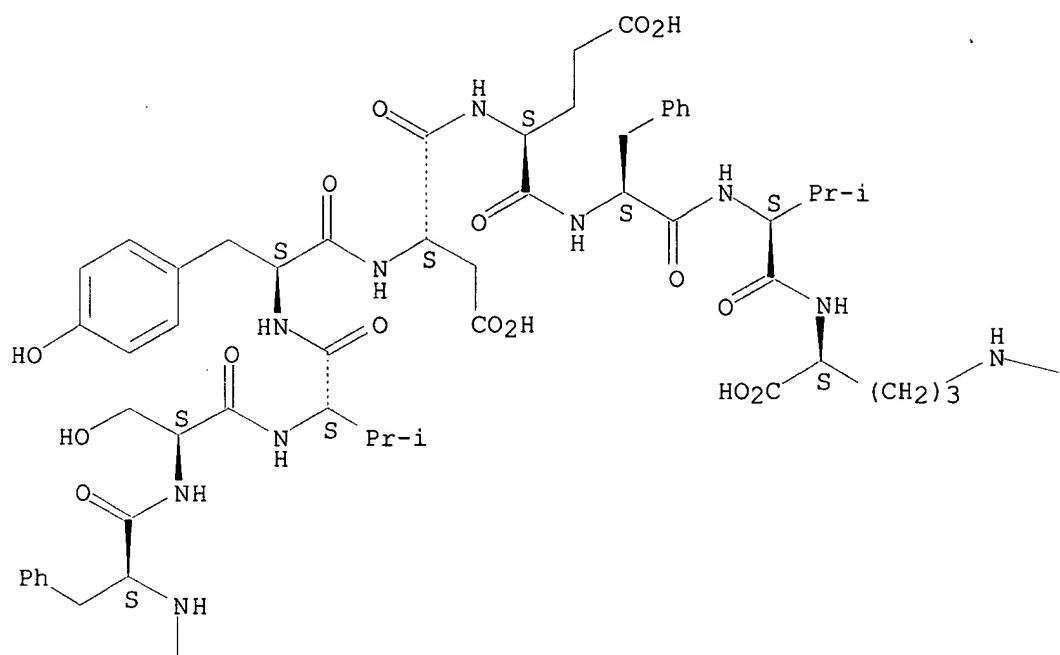
RN 368436-44-6 HCPLUS

CN L-Arginine, L-isoleucyl-L-phenylalanyl-L-valyl-L-.alpha.-glutamyl-L-phenylalanyl-L-seryl-L-valyl-L-tyrosyl-L-.alpha.-asparty-L-.alpha.-glutamyl-L-phenylalanyl-L-valyl- (9CI) (CA INDEX NAME)

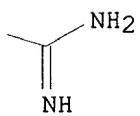
Absolute stereochemistry.

50

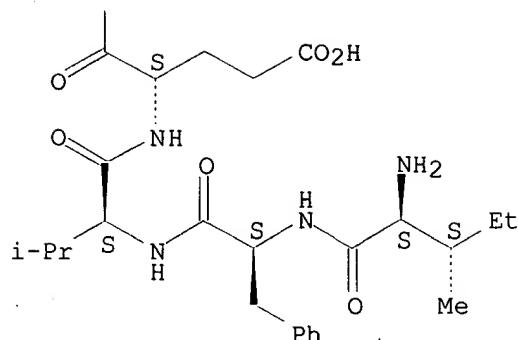
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PAGE 2-A

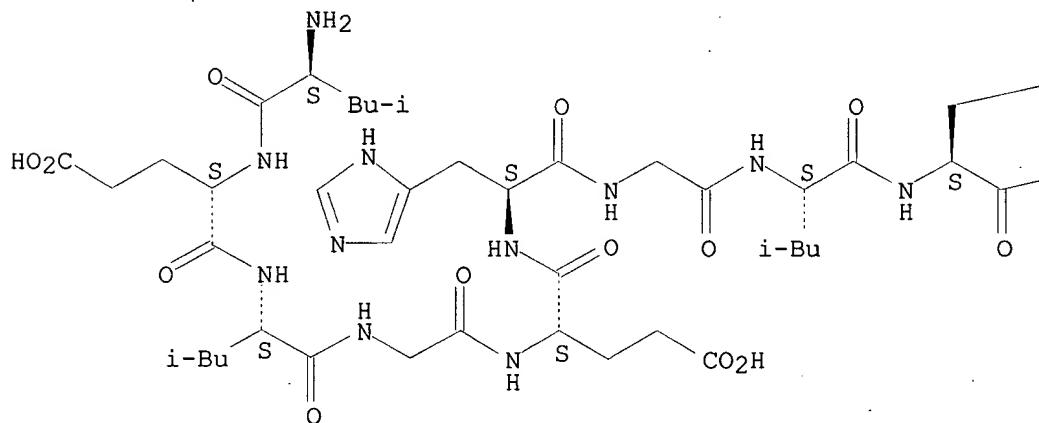


RN 368436-45-7 HCPLUS

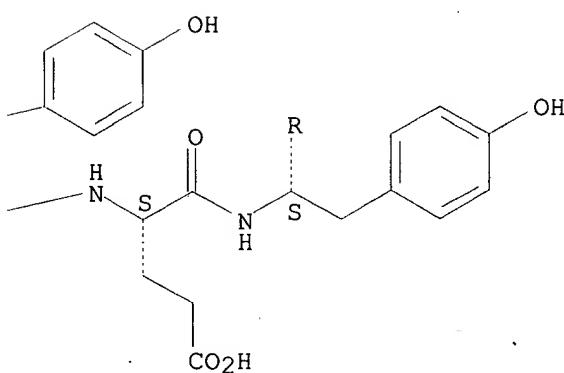
CN L-Lysine, L-leucyl-L-.alpha.-glutamyl-L-leucylglycyl-L-.alpha.-glutamyl-L-histidylglycyl-L-leucyl-L-tyrosyl-L-.alpha.-glutamyl-L-tyrosyl-L-threonyl-L-phenylalanyl-L-leucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

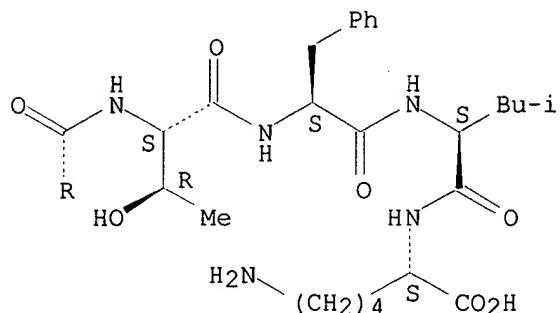
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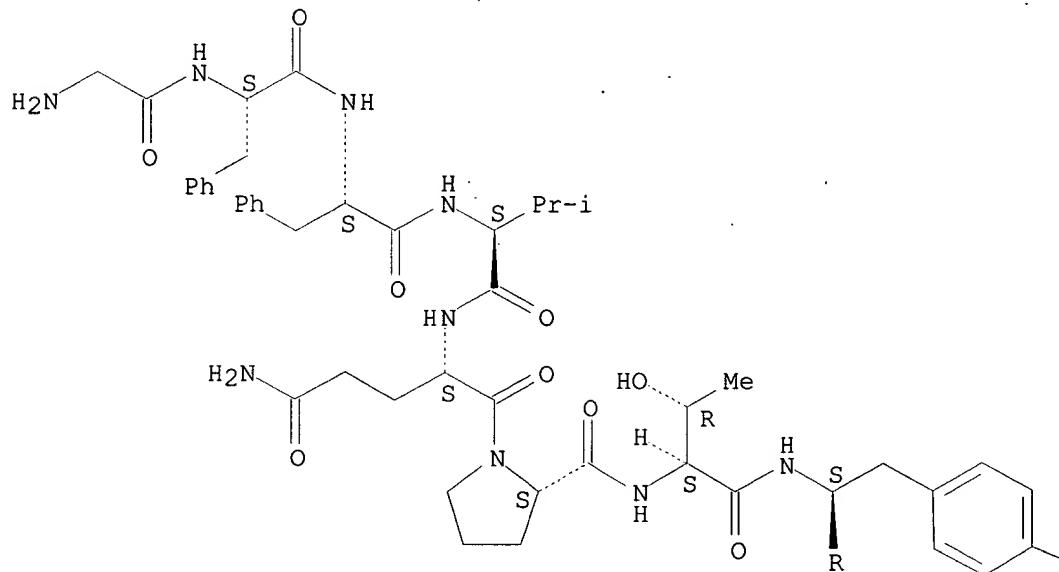


RN 368436-46-8 HCPLUS

CN L-Arginine, glycyl-L-phenylalanyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-prolyl-L-threonyl-L-tyrosyl-L-phenylalanyl-L-seryl-L-asparaginyl-L-valyl-L-threonyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

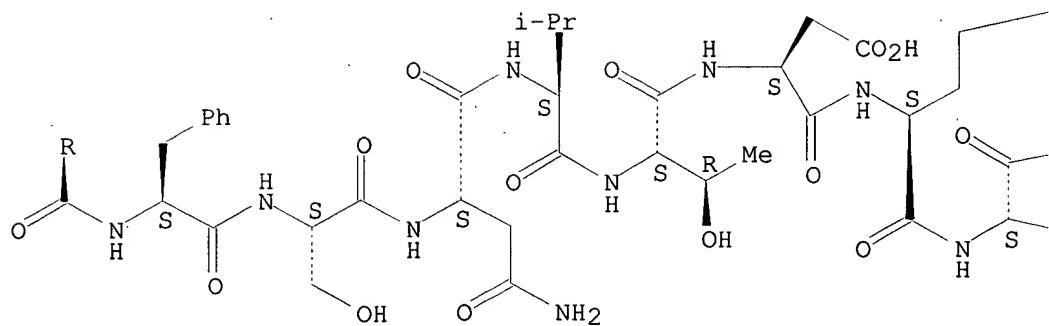
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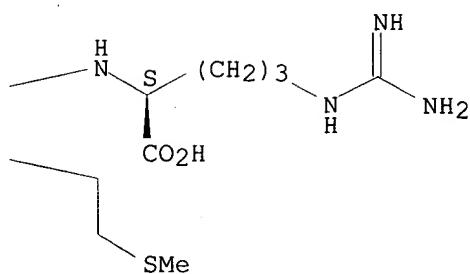
PAGE 1-B

 $\backslash$  OH

PAGE 2-A



PAGE 2-B

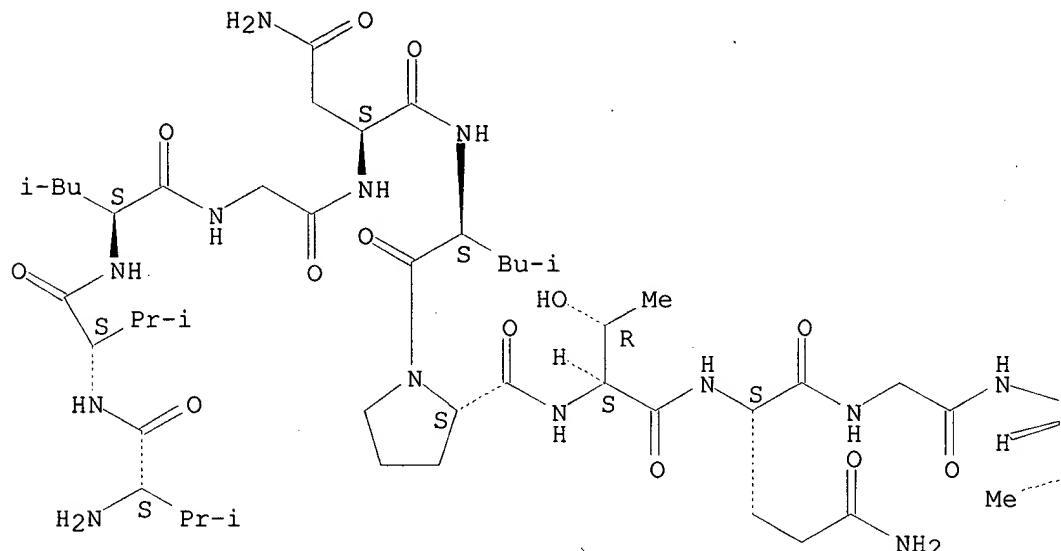
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RN 368436-47-9 HCPLUS

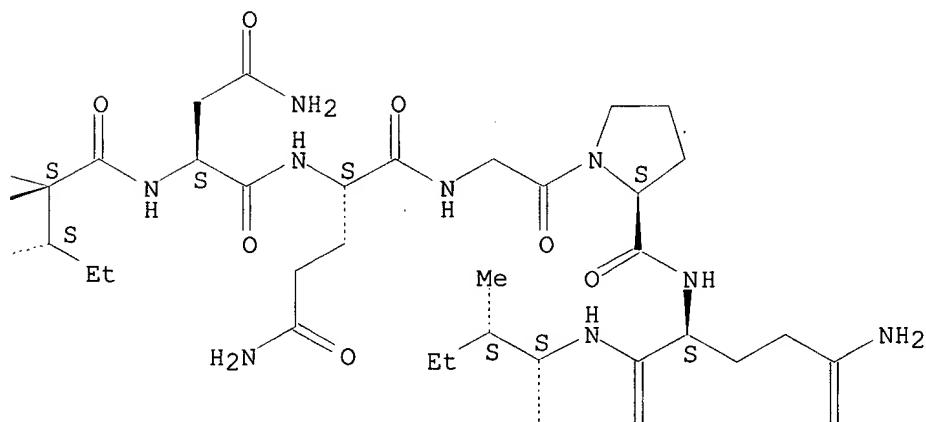
CN L-Lysine, L-valyl-L-valyl-L-leucylglycyl-L-asparaginyl-L-leucyl-L-prolyl-L-threonyl-L-glutaminylglycyl-L-isoleucyl-L-asparaginyl-L-glutaminylglycyl-L-prolyl-L-glutaminyl-L-isoleucyl-L-.alpha.-aspartyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

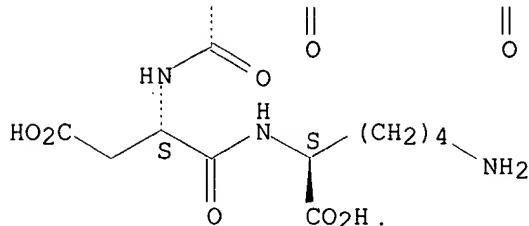
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L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:763309 HCAPLUS  
 DOCUMENT NUMBER: 135:315597  
 TITLE: Methods for bioactivity screening of candidate compounds using activity based probes  
 INVENTOR(S): Cravatt, Benjamin F.; Sorensen, Erik; Patricelli, Matthew; Lovato, Martha; Adam, Gregory  
 PATENT ASSIGNEE(S): Scripps Research Institute, USA  
 SOURCE: PCT Int. Appl., 118 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077668	A2	20011018	WO 2000-US34167	20001215
WO 2001077668	A3	20020606		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002045194	A1	20020418	US 2000-738954	20001215
US 2002040275	A1	20020404	US 2001-836148	20010416
US 2002064799	A1	20020530	US 2001-836145	20010416
US 2002182652	A1	20021205	US 2002-158498	20020529
PRIORITY APPLN. INFO.:			US 2000-195954P	P 20000410
			US 2000-212891P	P 20000620
			US 2000-222532P	P 20000802
			US 2000-738271	A1 20001215
			US 2000-738954	A1 20001215

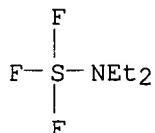
OTHER SOURCE(S): MARPAT 135:315597  
 AB The present invention provides methods for analyzing proteomes, as cells or lysates. The anal. is based on the use of probes that have specificity to the active form of proteins, particularly enzymes and receptors. The probes can be identified in different ways. In accordance with the present invention, a method is provided for generating and screening compd. libraries that are used for the identification of lead mols., and for the parallel identification of their biol. targets. By appending specific functionalities and/or groups to one or more binding moieties,

the reactive functionalities gain binding affinity and specificity for particular proteins and classes of proteins. Such libraries of candidate compds., referred to herein as activity-based probes, or ABPs, are used to screen for one or more desired biol. activities or target proteins.

IT 38078-09-0, (Diethylamino)sulfur trifluoride  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (DAST; methods for bioactivity screening of candidate compds. using activity based probes)

RN 38078-09-0 HCAPLUS

CN Sulfur, (N-ethylethanaminato)trifluoro-, (T-4)- (9CI) (CA INDEX NAME)

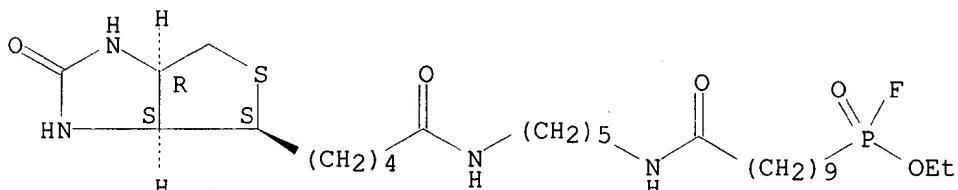


IT 259270-28-5P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (FP-biotin; methods for bioactivity screening of candidate compds. using activity based probes)

RN 259270-28-5 HCAPLUS

CN Phosphonofluoridic acid, [10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)

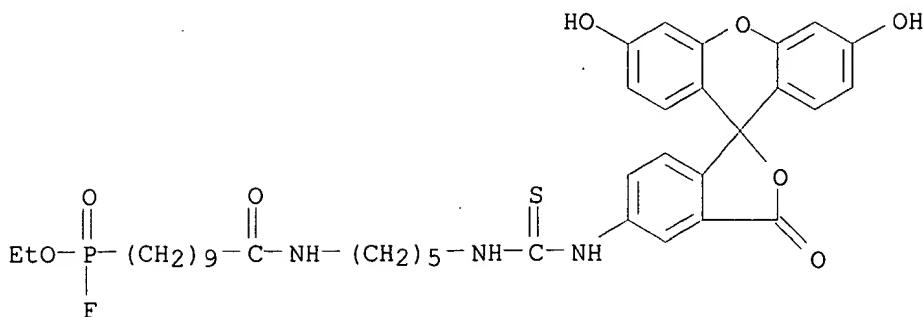
Absolute stereochemistry.



IT 259270-29-6P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (FP-fluorescein; methods for bioactivity screening of candidate compds. using activity based probes)

RN 259270-29-6 HCAPLUS

CN Phosphonofluoridic acid, [10-[[5-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]pentyl]amino]-10-oxodecyl]-, ethyl ester (9CI) (CA INDEX NAME)



IT 9028-86-8, Aldehyde dehydrogenase

RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)  
(cytosolic class I; methods for bioactivity screening of candidate compds. using activity based probes)

RN 9028-86-8 HCPLUS

CN Dehydrogenase, aldehyde (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

IT 9027-41-2, Hydrolase

RL: ANT (Analyte); CAT (Catalyst use); PRP. (Properties); ANST (Analytical study); USES (Uses)  
(methods for bioactivity screening of candidate compds. using activity based probes)

RN 9027-41-2 HCPLUS

CN Hydrolase (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

IT 342792-17-0P 342792-18-1P 342792-19-2P  
342792-20-5P 342792-21-6P 342792-22-7P  
342792-23-8P 342792-24-9P 342792-25-0P  
342792-26-1P 342792-27-2P 367480-61-3P

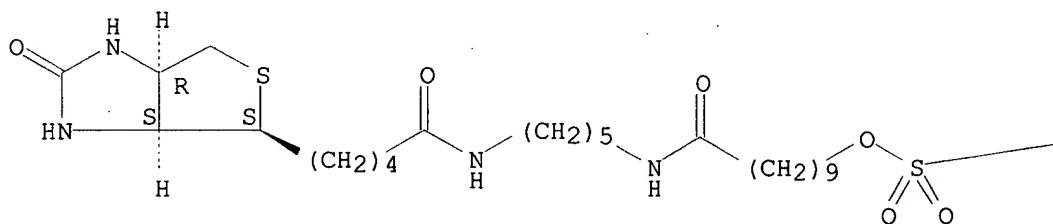
RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)  
(methods for bioactivity screening of candidate compds. using activity based probes)

RN 342792-17-0 HCPLUS

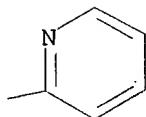
CN 2-Pyridinesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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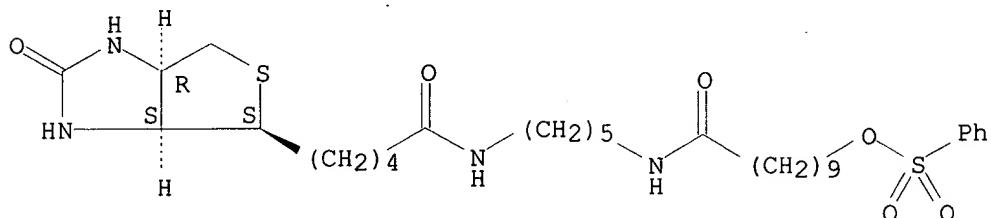
PAGE 1-B



RN 342792-18-1 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-2-oxo-N-[5-[[1-oxo-10-[(phenylsulfonyl)oxy]decyl]amino]pentyl]-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

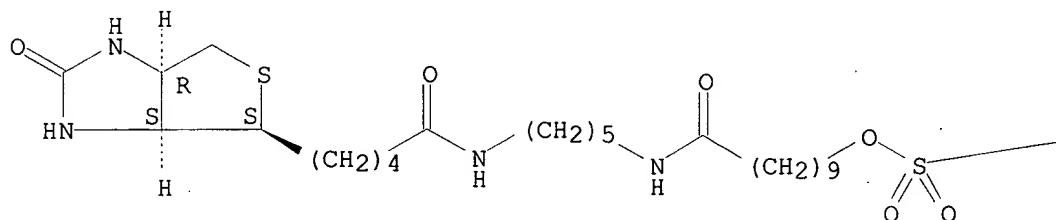


RN 342792-19-2 HCAPLUS

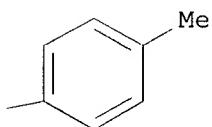
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[[10-[(4-methylphenyl)sulfonyl]oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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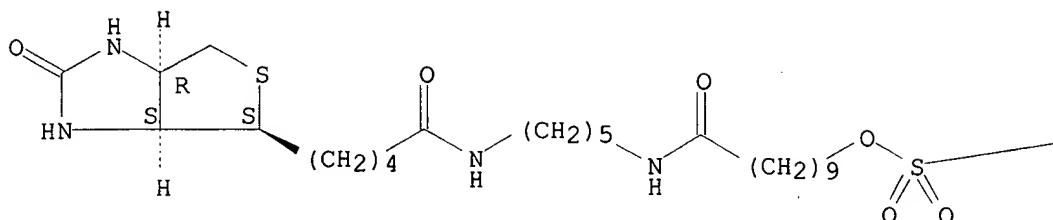


RN 342792-20-5 HCAPLUS

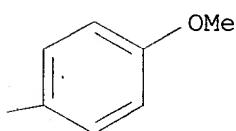
CN Benzenesulfonic acid, 4-methoxy-, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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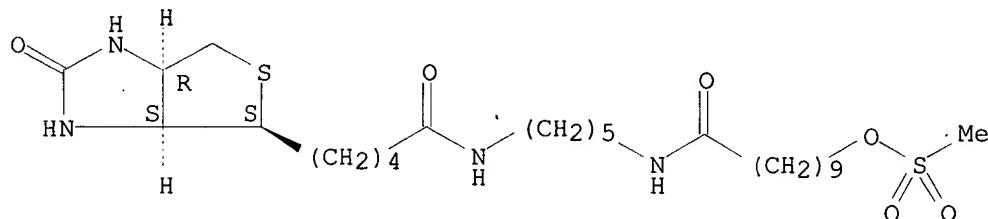
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RN 342792-21-6 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[5-[(10-[(methylsulfonyl)oxy]-1-oxodecyl]amino]pentyl]-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

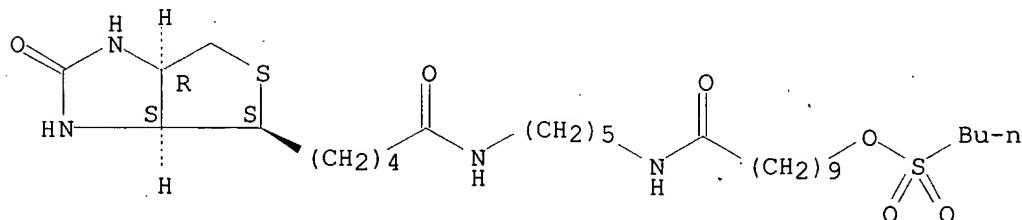
Absolute stereochemistry.



RN 342792-22-7 HCAPLUS

CN 1-Butanesulfonic acid, 10-[[5-[(5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



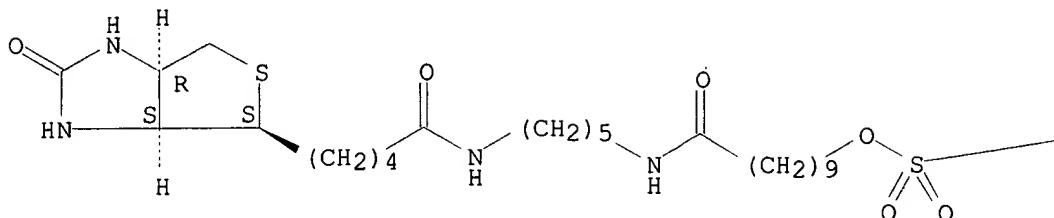
RN 342792-23-8 HCAPLUS

CN 1-Octanesulfonic acid, 10-[[5-[(5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl

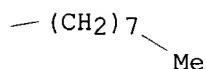
ester (9CI) (CA INDEX NAME)

## Absolute stereochemistry:

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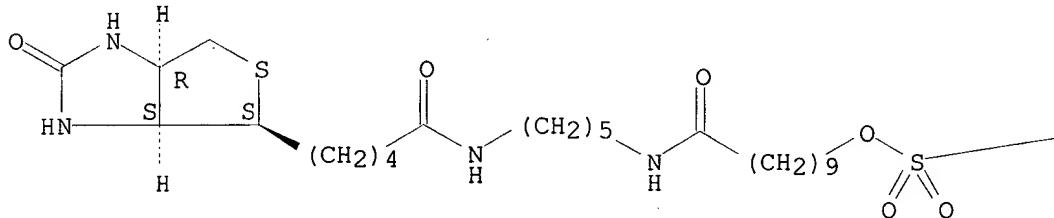


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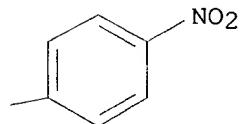
CN Benzenesulfonic acid, 4-nitro-, 10-[[5-[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

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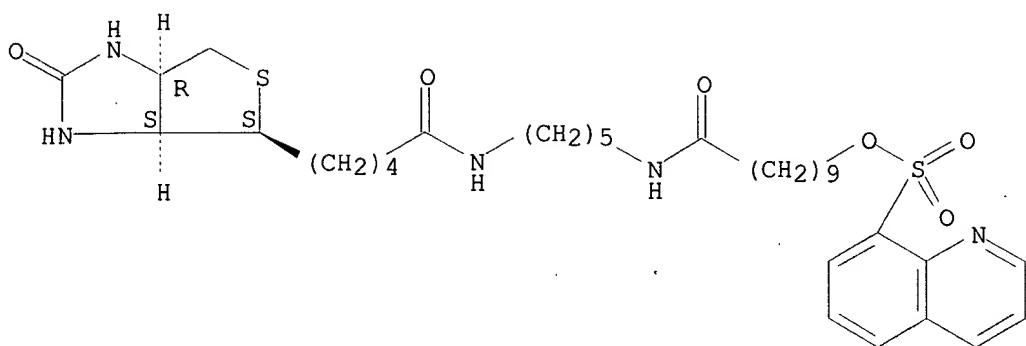
PAGE 1-B



RN 342792-25-0 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-[[5-[5-[3aS,4S,6aR]-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

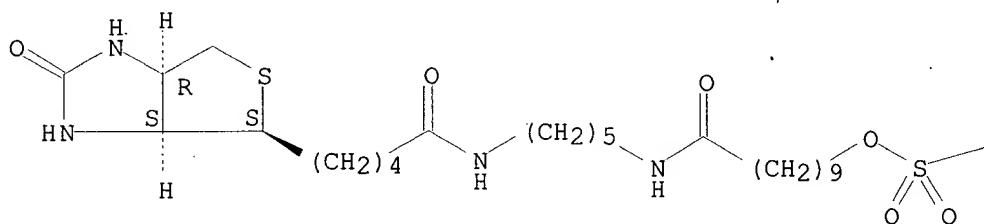


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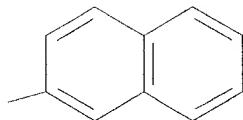
CN 2-Naphthalenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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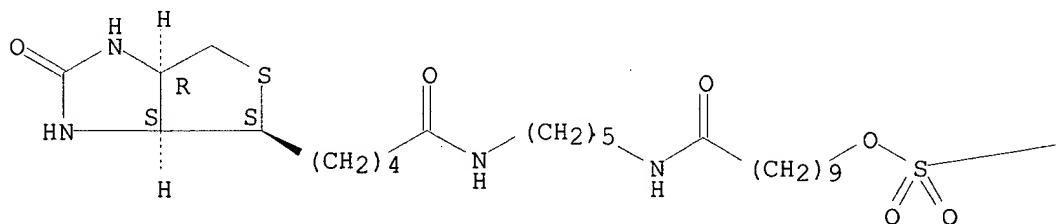


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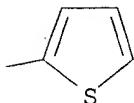
CN 2-Thiophenesulfonic acid, 10-[[5-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]pentyl]amino]-10-oxodecyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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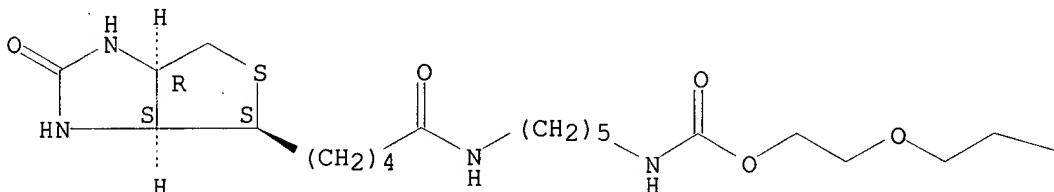
PAGE 1-B



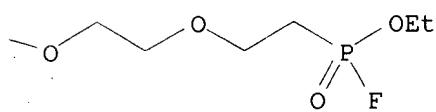
RN 367480-61-3 HCAPLUS  
 CN Phosphonofluoridic acid, [25-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-13,21-dioxo-3,6,9,12-tetraoxa-14,20-diazapentacos-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

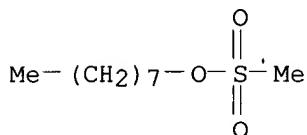
PAGE 1-A



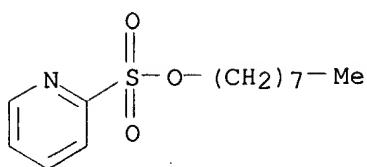
PAGE 1-B



IT 16156-52-8P 117800-97-2P 126092-21-5P  
 RL: ARU (Analytical role, unclassified); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation)  
 (methods for bioactivity screening of candidate compds. using activity based probes)  
 RN 16156-52-8 HCAPLUS  
 CN Methanesulfonic acid, octyl ester (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 117800-97-2 HCAPLUS  
 CN 2-Pyridinesulfonic acid, octyl ester (9CI) (CA INDEX NAME)



RN 126092-21-5 HCAPLUS

CN 2-Pyridinesulfonic acid, ethyl ester (9CI) (CA INDEX NAME)



IT 52-90-4, L-Cysteine, properties 56-45-1, L-Serine, properties 56-84-8, L-Aspartic acid, properties 56-86-0, L-Glutamic acid, properties 71-00-1, L-Histidine, properties 107-29-9D, .alpha.-halo derivs. 7723-14-0D, Phosphorus, fluoro derivs., properties 7782-41-4, Fluorine, properties 13537-32-1D, Fluorophosphoric acid, derivs.

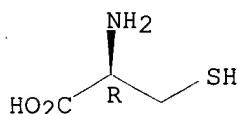
RL: PRP (Properties)

(methods for bioactivity screening of candidate compds. using activity based probes)

RN 52-90-4 HCAPLUS

CN L-Cysteine (9CI) (CA INDEX NAME)

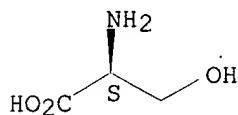
Absolute stereochemistry.



RN 56-45-1 HCAPLUS

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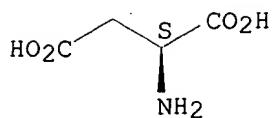
Absolute stereochemistry.



RN 56-84-8 HCAPLUS

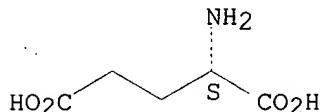
CN L-Aspartic acid (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



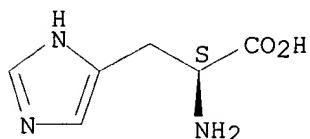
RN 56-86-0 HCAPLUS  
 CN L-Glutamic acid (9CI) (CA INDEX NAME)

Absolute stereochemistry.

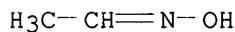


RN 71-00-1 HCAPLUS  
 CN L-Histidine (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 107-29-9 HCAPLUS  
 CN Acetaldehyde, oxime (6CI, 8CI, 9CI) (CA INDEX NAME)



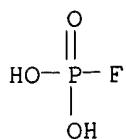
RN 7723-14-0 HCAPLUS  
 CN Phosphorus (8CI, 9CI) (CA INDEX NAME)

P

RN 7782-41-4 HCAPLUS  
 CN Fluorine (8CI, 9CI) (CA INDEX NAME)

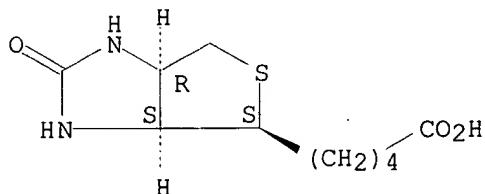
F—F

RN 13537-32-1 HCAPLUS  
 CN Phosphorofluoridic acid (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

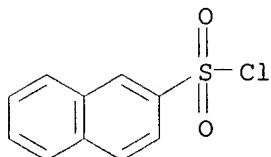


IT 58-85-5, Biotin  
 RL: PRP (Properties); RCT (Reactant); RACT (Reactant or reagent)  
 (methods for bioactivity screening of candidate compds. using activity based probes)  
 RN 58-85-5 HCPLUS  
 CN 1H-Thieno[3,4-d]imidazole-4-pentanoic acid, hexahydro-2-oxo-,  
 (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

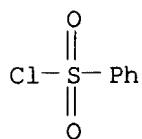
Absolute stereochemistry. Rotation (+).



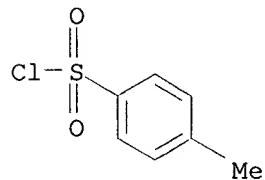
IT 93-11-8, 2-Naphthalenesulfonyl chloride 98-09-9,  
 Benzenesulfonyl chloride 98-59-9 98-68-0  
 98-74-8 111-87-5, 1-Octanol, reactions 112-43-6  
 , 10-Undecen-1-ol 112-60-7 121-44-8, Triethylamine,  
 reactions 122-52-1, Triethylphosphite 124-63-0,  
 Methanesulfonyl chloride 2386-60-9, 1-Butanesulfonyl chloride  
 2857-97-8, Trimethylsilyl bromide 6066-82-6,  
 N-Hydroxysuccinimide 7681-82-5, Sodium iodide (NaI), reactions  
 7795-95-1, 1-Octanesulfonyl chloride 10049-08-8,  
 Ruthenium chloride (RuCl3) 16629-19-9, 2-Thiophenesulfonyl  
 chloride 18704-37-5, 8-Quinolinesulfonyl chloride  
 66715-65-9, 2-Pyridylsulfonyl chloride 115416-38-1,  
 5-(Biotinamido)pentylamine  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (methods for bioactivity screening of candidate compds. using activity based probes)  
 RN 93-11-8 HCPLUS  
 CN 2-Naphthalenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



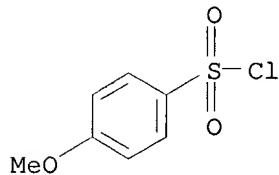
RN 98-09-9 HCPLUS  
 CN Benzenesulfonyl chloride (8CI, 9CI) (CA INDEX NAME)



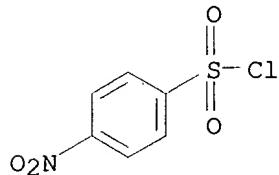
RN 98-59-9 HCPLUS  
 CN Benzenesulfonyl chloride, 4-methyl- (9CI) (CA INDEX NAME)



RN 98-68-0 HCPLUS  
 CN Benzenesulfonyl chloride, 4-methoxy- (9CI) (CA INDEX NAME)



RN 98-74-8 HCPLUS  
 CN Benzenesulfonyl chloride, 4-nitro- (9CI) (CA INDEX NAME)



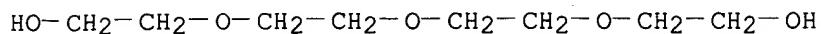
RN 111-87-5 HCPLUS  
 CN 1-Octanol (9CI) (CA INDEX NAME)

$\text{HO}-\text{(CH}_2\text{)}_7-\text{Me}$

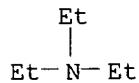
RN 112-43-6 HCPLUS  
 CN 10-Undecen-1-ol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

$\text{H}_2\text{C}=\text{CH}-\text{(CH}_2\text{)}_9-\text{OH}$

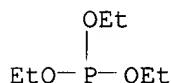
RN 112-60-7 HCAPLUS  
 CN Ethanol, 2,2'-[oxybis(2,1-ethanediyl)oxy]bis- (9CI) (CA INDEX NAME)



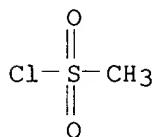
RN 121-44-8 HCAPLUS  
 CN Ethanamine, N,N-diethyl- (9CI) (CA INDEX NAME)



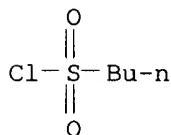
RN 122-52-1 HCAPLUS  
 CN Phosphorous acid, triethyl ester (8CI, 9CI) (CA INDEX NAME)



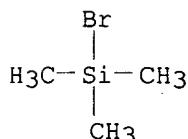
RN 124-63-0 HCAPLUS  
 CN Methanesulfonyl chloride (6CI, 8CI, 9CI) (CA INDEX NAME)



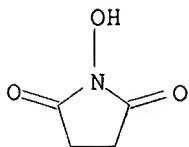
RN 2386-60-9 HCAPLUS  
 CN 1-Butanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 2857-97-8 HCAPLUS  
 CN Silane, bromotrimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



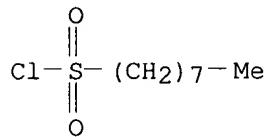
RN 6066-82-6 HCAPLUS  
 CN 2,5-Pyrrolidinedione, 1-hydroxy- (9CI) (CA INDEX NAME)



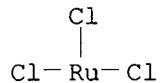
RN 7681-82-5 HCAPLUS  
 CN Sodium iodide (NaI) (9CI) (CA INDEX NAME)

I-Na

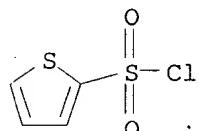
RN 7795-95-1 HCAPLUS  
 CN 1-Octanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



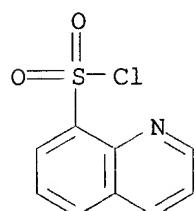
RN 10049-08-8 HCAPLUS  
 CN Ruthenium chloride (RuCl<sub>3</sub>) (6CI, 8CI, 9CI) (CA INDEX NAME)



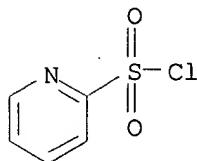
RN 16629-19-9 HCAPLUS  
 CN 2-Thiophenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 18704-37-5 HCAPLUS  
 CN 8-Quinolinesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

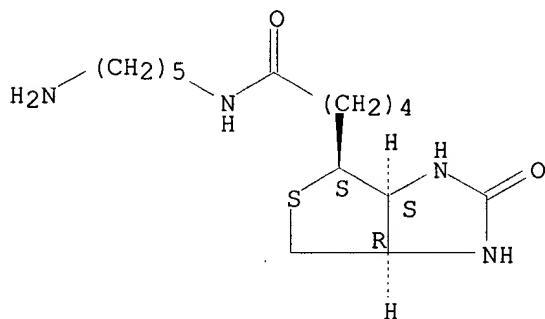


RN 66715-65-9 HCAPLUS  
 CN 2-Pyridinesulfonyl chloride (6CI, 7CI, 9CI) (CA INDEX NAME)



RN 115416-38-1 HCAPLUS  
 CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(5-aminopentyl)hexahydro-2-oxo-, (3aS,4S,6aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



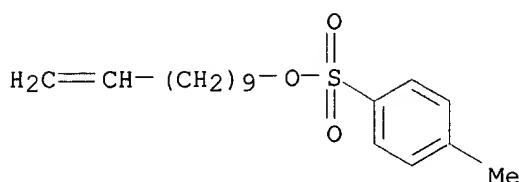
IT 7766-49-6P 51148-67-5P 52355-50-7P  
 83637-49-4P 134179-40-1P 156125-40-5P  
 259270-26-3P 259270-27-4P 338964-01-5P  
 338964-02-6P 338964-03-7P 338964-04-8P  
 338964-05-9P 338964-06-0P 342792-15-8P  
 342792-16-9P 367478-49-7P 367478-57-7P  
 367478-66-8P 367478-71-5P 367478-76-0P  
 367478-80-6P 367478-84-0P 367478-88-4P  
 367478-96-4P 367479-00-3P 367479-05-8P  
 367479-14-9P 367479-19-4P 367479-24-1P  
 367479-27-4P 367479-31-0P 367479-35-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (methods for bioactivity screening of candidate compds. using activity based probes)

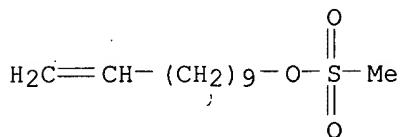
RN 7766-49-6 HCAPLUS  
 CN 1-Undecene, 11-iodo- (7CI, 8CI, 9CI) (CA INDEX NAME)



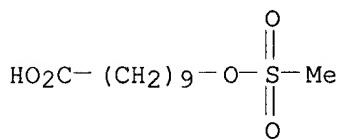
RN 51148-67-5 HCAPLUS  
 CN 10-Undecen-1-ol, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)



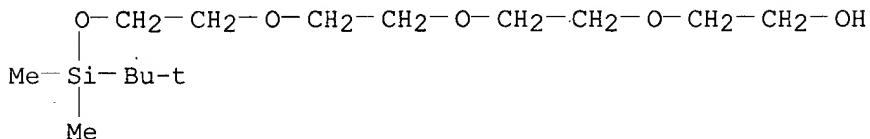
RN 52355-50-7 HCAPLUS  
 CN 10-Undecen-1-ol, methanesulfonate (9CI) (CA INDEX NAME)



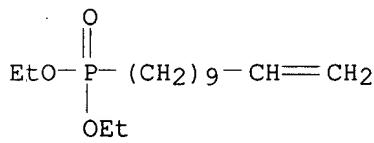
RN 83637-49-4 HCAPLUS  
 CN Decanoic acid, 10-[(methylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



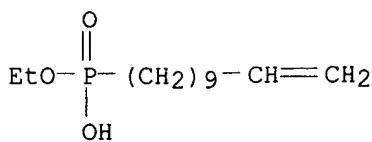
RN 134179-40-1 HCAPLUS  
 CN 4,7,10,13-Tetraoxa-3-silapentadecan-15-ol, 2,2,3,3-tetramethyl- (9CI) (CA INDEX NAME)



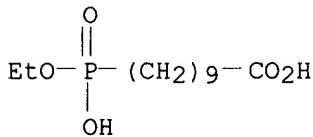
RN 156125-40-5 HCAPLUS  
 CN Phosphonic acid, 10-undecenyl-, diethyl ester (9CI) (CA INDEX NAME)



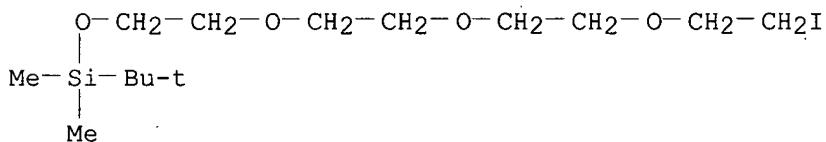
RN 259270-26-3 HCAPLUS  
 CN Phosphonic acid, 10-undecenyl-, monoethyl ester (9CI) (CA INDEX NAME)



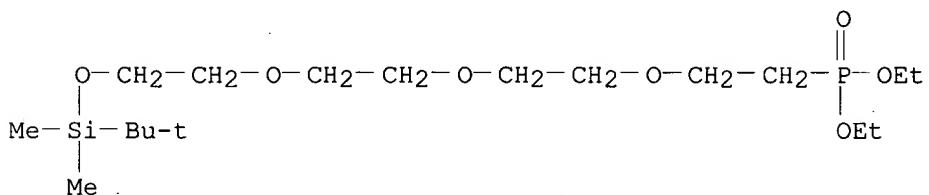
RN 259270-27-4 HCAPLUS  
 CN Decanoic acid, 10-(ethoxyhydroxyphosphinyl)- (9CI) (CA INDEX NAME)



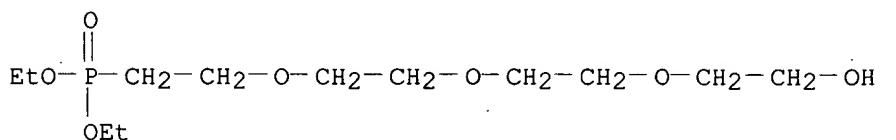
RN 338964-01-5 HCAPLUS  
 CN 4,7,10,13-Tetraoxa-3-silapentadecane, 15-iodo-2,2,3,3-tetramethyl- (9CI)  
 (CA INDEX NAME)



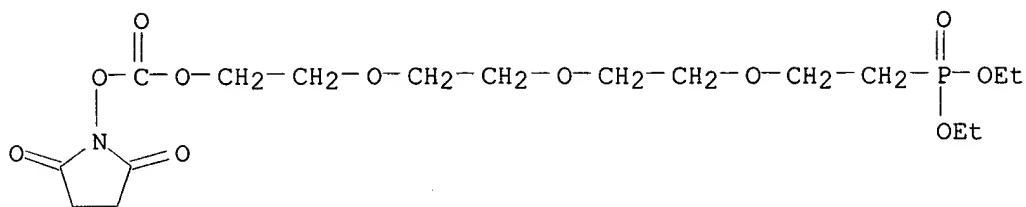
RN 338964-02-6 HCAPLUS  
 CN Phosphonic acid, (13,13,14,14-tetramethyl-3,6,9,12-tetraoxa-13-silapentadec-1-yl)-, diethyl ester (9CI) (CA INDEX NAME)



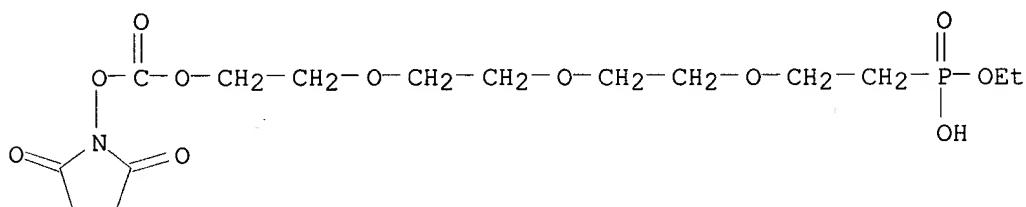
RN 338964-03-7 HCAPLUS  
 CN Phosphonic acid, [2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl]-, diethyl ester (9CI) (CA INDEX NAME)



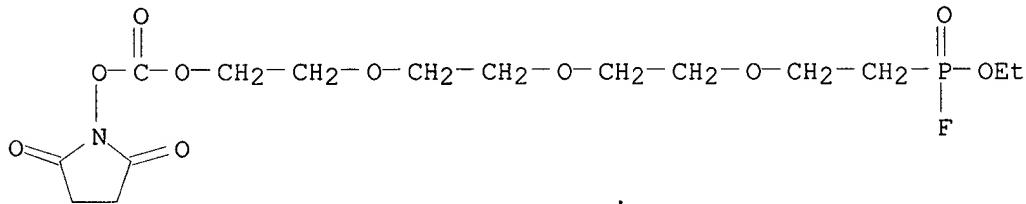
RN 338964-04-8 HCAPLUS  
 CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, diethyl ester (9CI) (CA INDEX NAME)



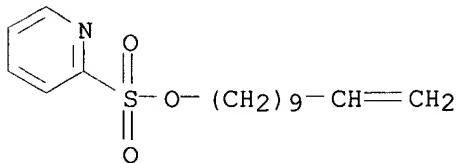
RN 338964-05-9 HCAPLUS  
 CN Phosphonic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, monoethyl ester (9CI) (CA INDEX NAME)



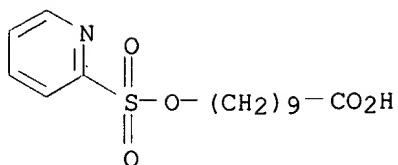
RN 338964-06-0 HCAPLUS  
 CN Phosphonofluoridic acid, [13-[(2,5-dioxo-1-pyrrolidinyl)oxy]-13-oxo-3,6,9,12-tetraoxatridec-1-yl]-, ethyl ester (9CI) (CA INDEX NAME)



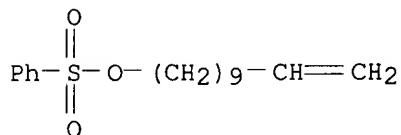
RN 342792-15-8 HCAPLUS  
 CN 2-Pyridinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



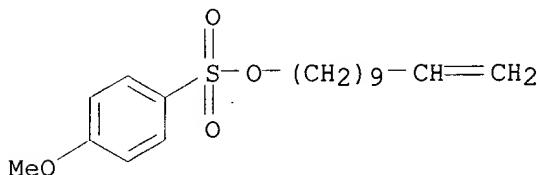
RN 342792-16-9 HCAPLUS  
 CN Decanoic acid, 10-[(2-pyridinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



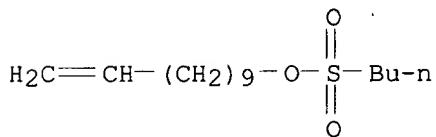
RN 367478-49-7 HCAPLUS  
 CN 10-Undecen-1-ol, benzenesulfonate (9CI) (CA INDEX NAME)



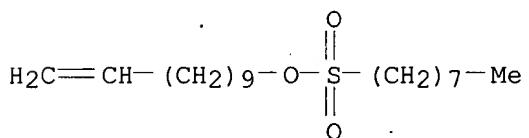
RN 367478-57-7 HCAPLUS  
 CN Benzenesulfonic acid, 4-methoxy-, 10-undecenyl ester (9CI) (CA INDEX NAME)



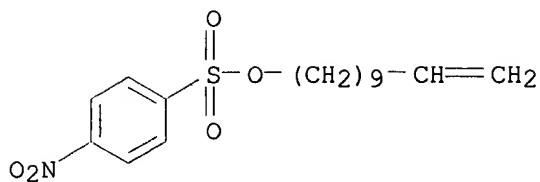
RN 367478-66-8 HCAPLUS  
 CN 1-Butanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



RN 367478-71-5 HCAPLUS  
 CN 1-Octanesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)

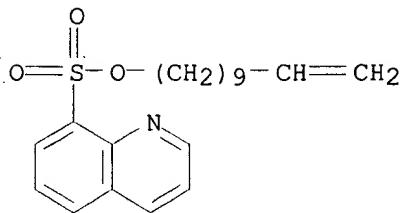


RN 367478-76-0 HCAPLUS  
 CN Benzenesulfonic acid, 4-nitro-, 10-undecenyl ester (9CI) (CA INDEX NAME)



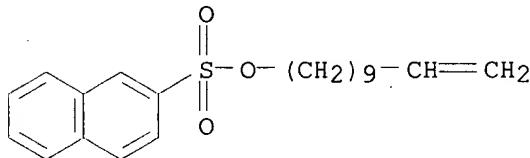
RN 367478-80-6 HCAPLUS

CN 8-Quinolinesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



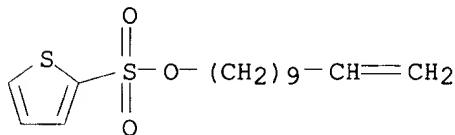
RN 367478-84-0 HCAPLUS

CN 2-Naphthalenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



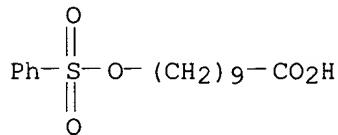
RN 367478-88-4 HCAPLUS

CN 2-Thiophenesulfonic acid, 10-undecenyl ester (9CI) (CA INDEX NAME)



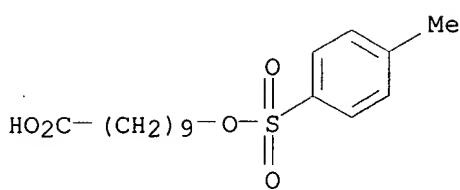
RN 367478-96-4 HCAPLUS

CN Decanoic acid, 10-[(phenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)

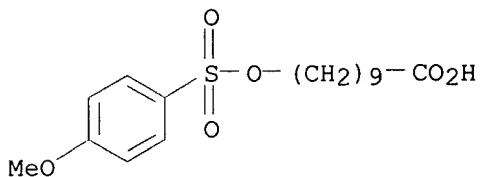


RN 367479-00-3 HCAPLUS

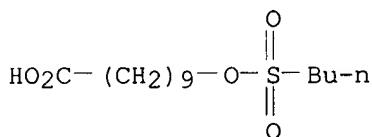
CN Decanoic acid, 10-[[[4-methylphenyl]sulfonyl]oxy]- (9CI) (CA INDEX NAME)



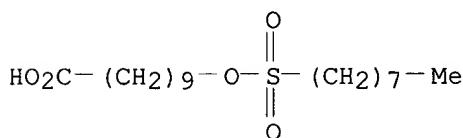
RN 367479-05-8 HCAPLUS  
 CN Decanoic acid, 10-[(4-methoxyphenyl)sulfonyloxy]- (9CI) (CA INDEX NAME)



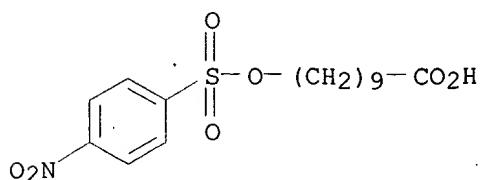
RN 367479-14-9 HCAPLUS  
 CN Decanoic acid, 10-[(butylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



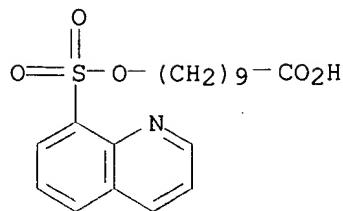
RN 367479-19-4 HCAPLUS  
 CN Decanoic acid, 10-[(octylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



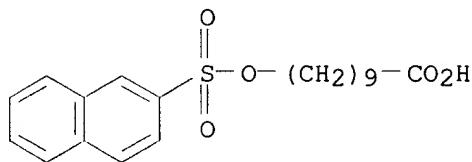
RN 367479-24-1 HCAPLUS  
 CN Decanoic acid, 10-[(4-nitrophenyl)sulfonyloxy]- (9CI) (CA INDEX NAME)



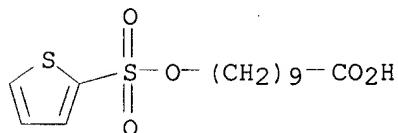
RN 367479-27-4 HCAPLUS  
 CN Decanoic acid, 10-[(8-quinolinylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-31-0 HCAPLUS  
 CN Decanoic acid, 10-[(2-naphthalenylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



RN 367479-35-4 HCAPLUS  
 CN Decanoic acid, 10-[(2-thienylsulfonyl)oxy]- (9CI) (CA INDEX NAME)



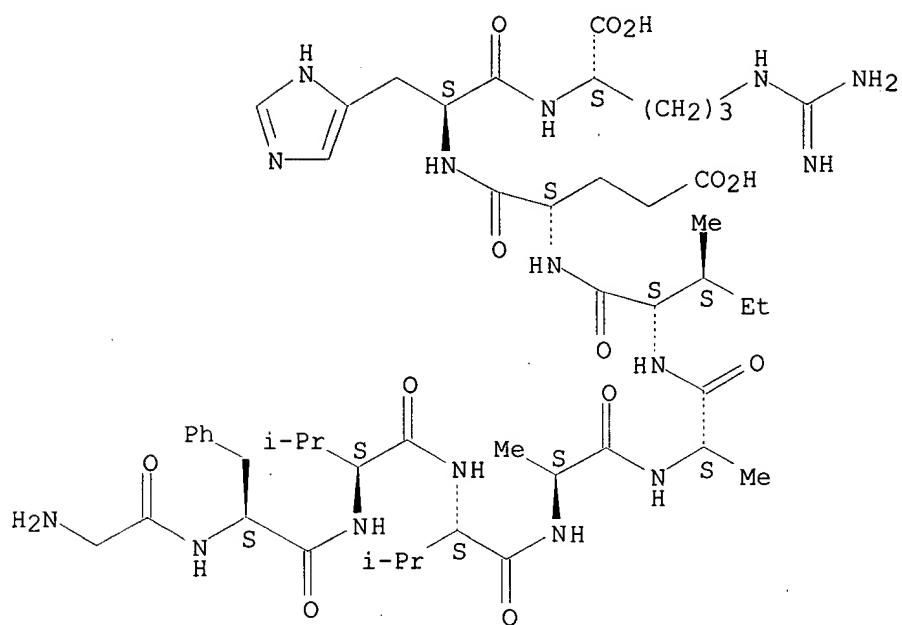
IT 367944-46-5 367944-47-6 367944-48-7  
 367944-49-8 367944-50-1 367944-51-2  
 367944-53-4 367944-54-5 367944-55-6  
 367944-57-8

RL: PRP (Properties)

(unclaimed sequence; methods for bioactivity screening of candidate compds. using activity based probes)

RN 367944-46-5 HCAPLUS  
 CN L-Arginine, glycyl-L-phenylalanyl-L-valyl-L-valyl-L-alanyl-L-alanyl-L-isoleucyl-L-.alpha.-glutamyl-L-histidyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

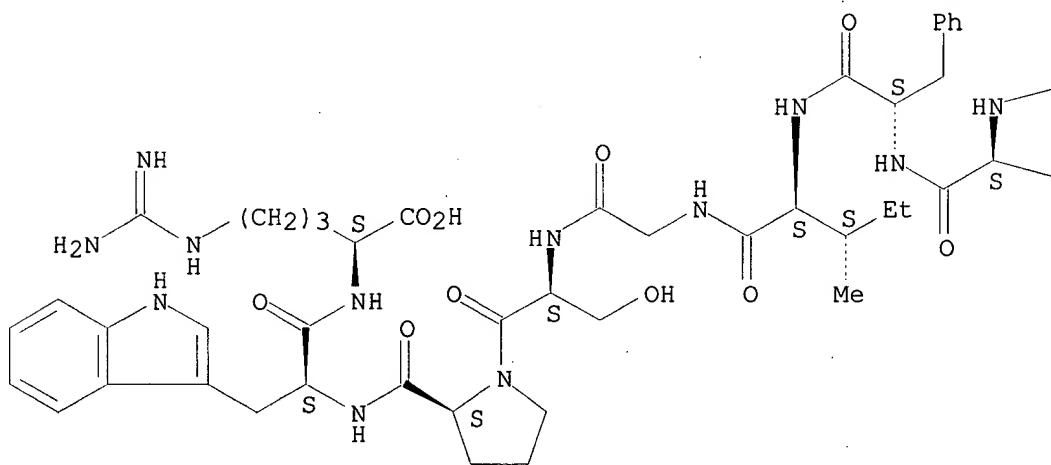


RN 367944-47-6 HCAPLUS

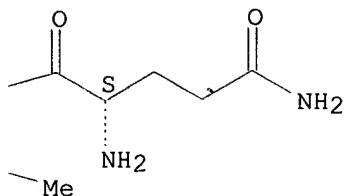
CN L-Arginine, L-glutaminyl-L-alanyl-L-phenylalanyl-L-isoleucylglycyl-L-seryl-L-prolyl-L-tryptophyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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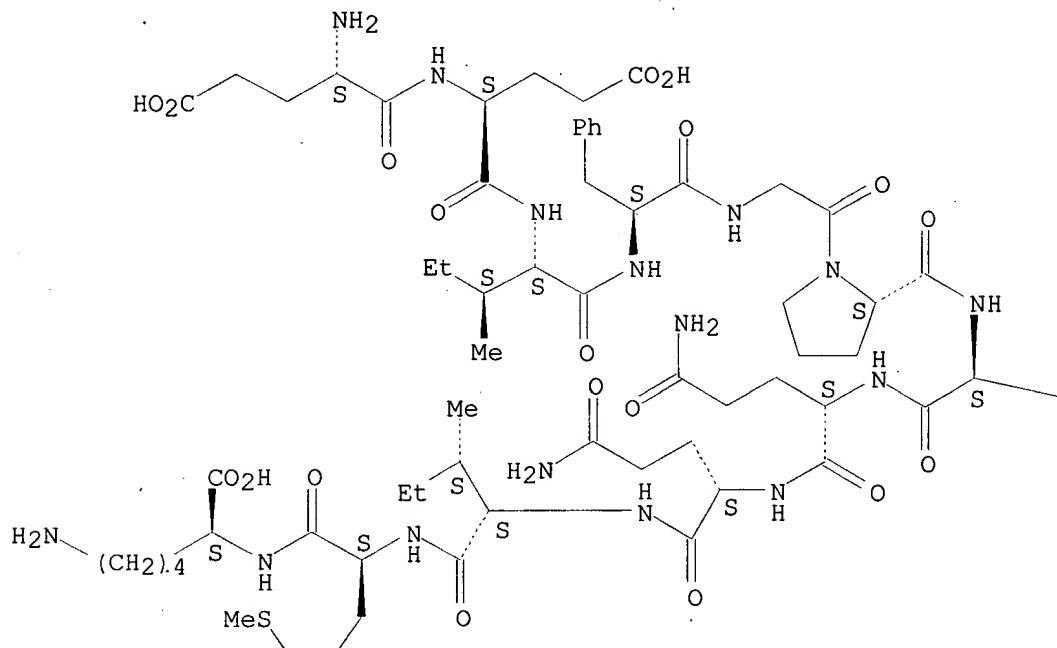


RN 367944-48-7 HCAPLUS

CN L-Lysine, L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-isoleucyl-L-phenylalanylglycyl-L-prolyl-L-valyl-L-glutaminyl-L-glutaminyl-L-isoleucyl-L-methionyl- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

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Pr-i

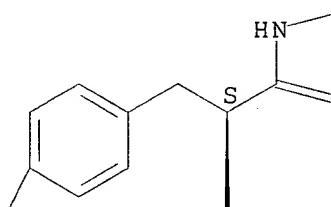
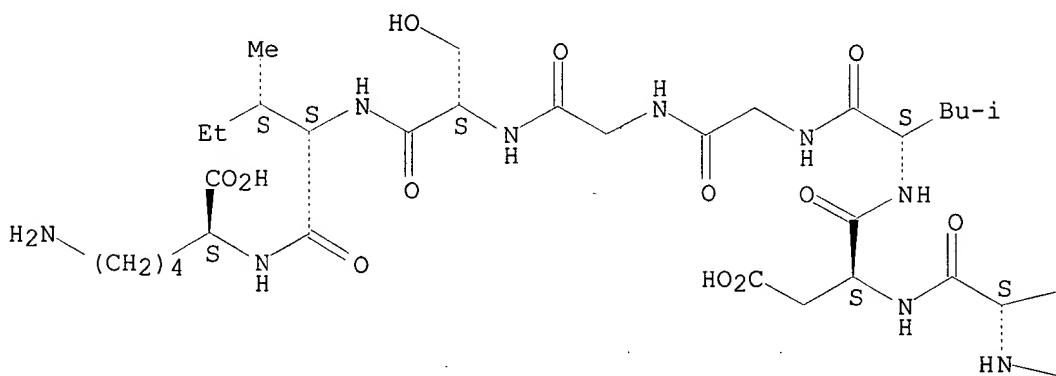
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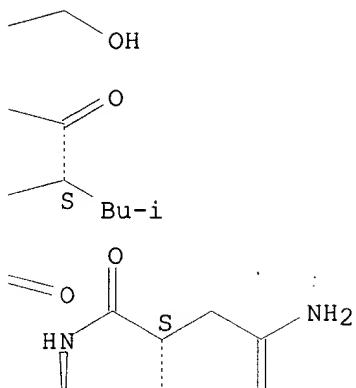
RN 367944-49-8 HCAPLUS  
 CN L-Lysine, L-valyl-L-phenylalanyl-L-alanyl-L-asparaginyl-L-alanyl-L-tyrosyl-  
 L-leucyl-L-seryl-L-.alpha.-aspartyl-L-leucylglycylglycyl-L-seryl-L-  
 isoleucyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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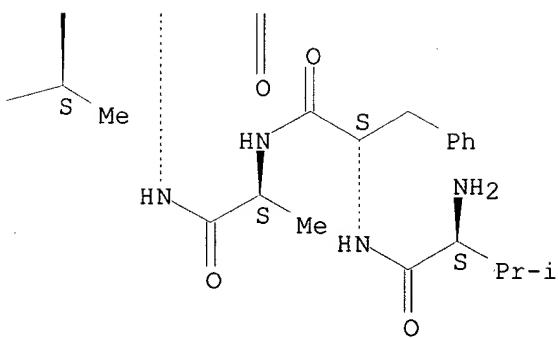
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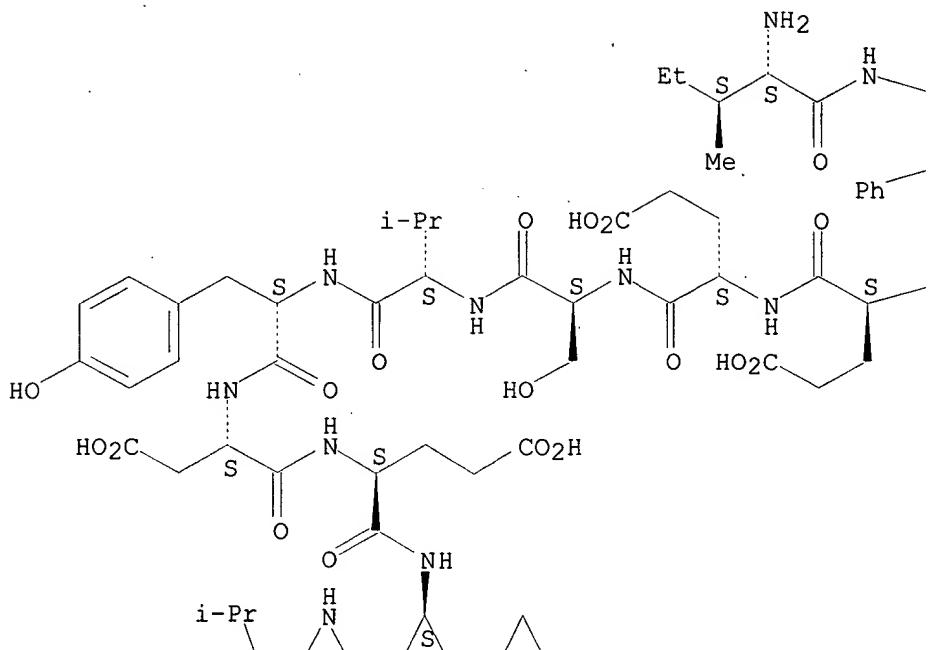
RN 367944-50-1 HCPLUS

CN L-Arginine, L-isoleucyl-L-phenylalanyl-L-tyrosyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-seryl-L-valyl-L-tyrosyl-L-.alpha.-aspartyl-L-.alpha.-

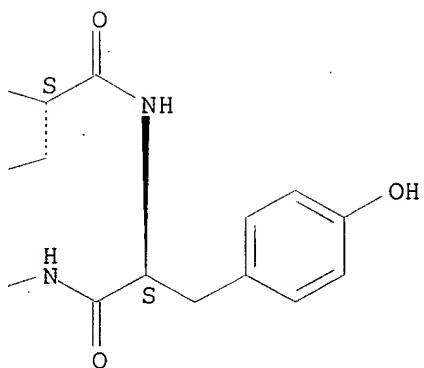
glutamyl-L-.alpha.-glutamyl-L-valyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

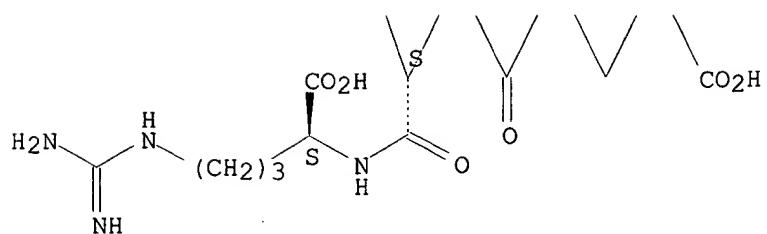
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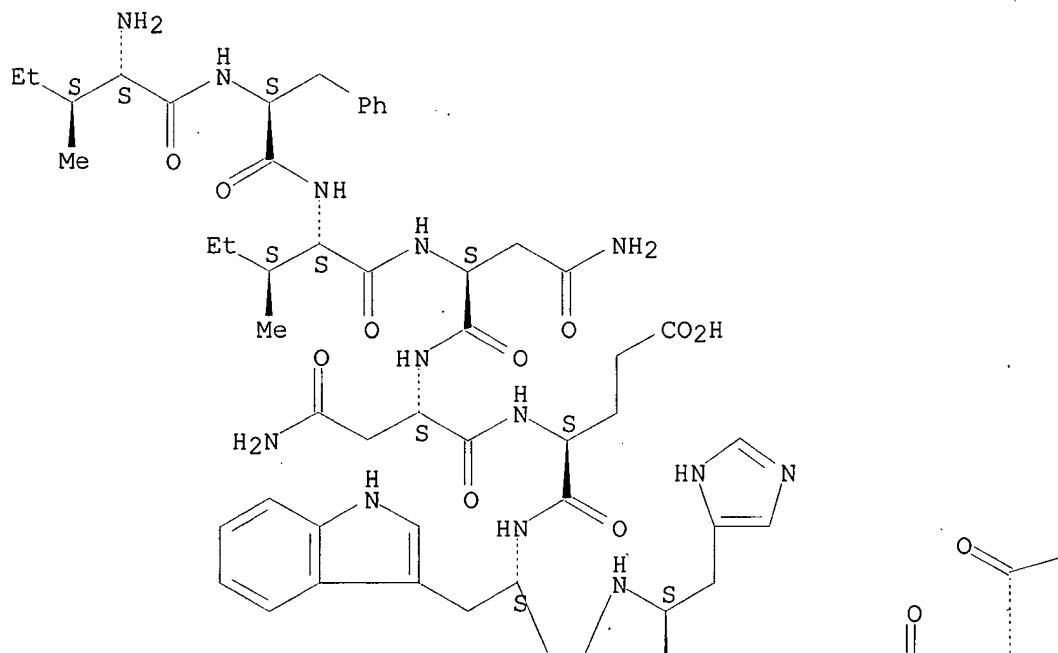


RN 367944-51-2 HCPLUS

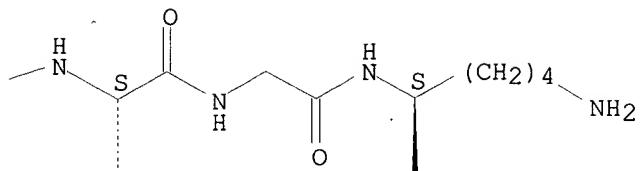
CN L-Lysine, L-isoleucyl-L-phenylalanyl-L-isoleucyl-L-asparaginyl-L-asparaginyl-L..alpha.-glutamyl-L-tryptophyl-L-histidyl-L..alpha.-aspartyl-L-seryl-L-valyl-L-serylglycyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

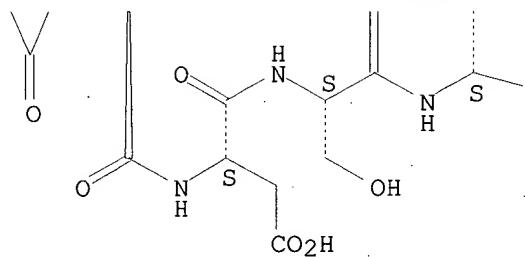
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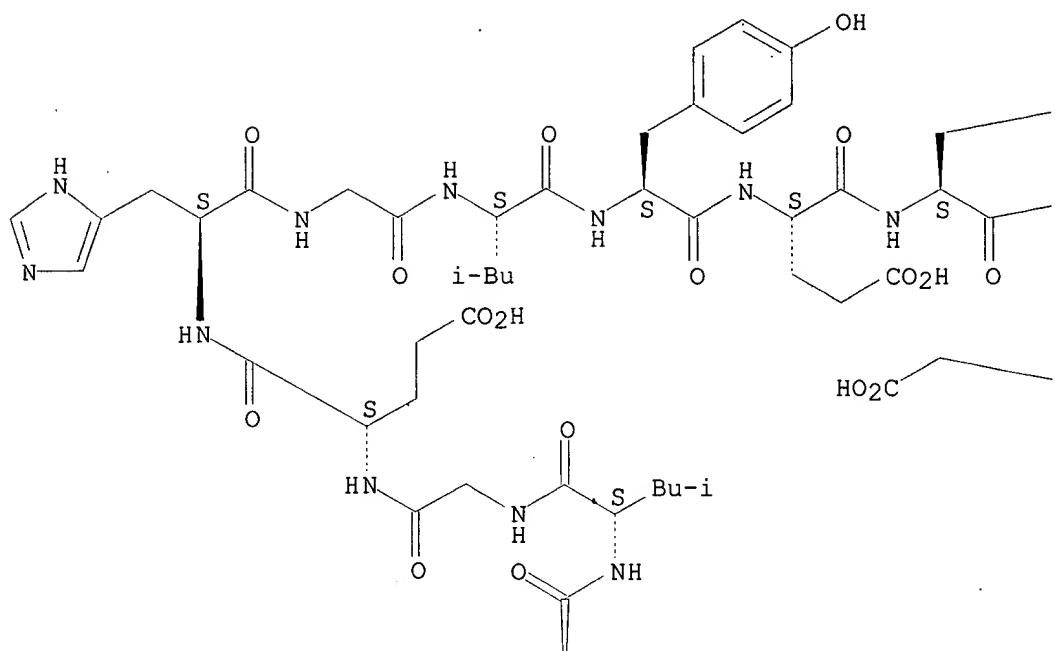


RN 367944-53-4 HCAPLUS

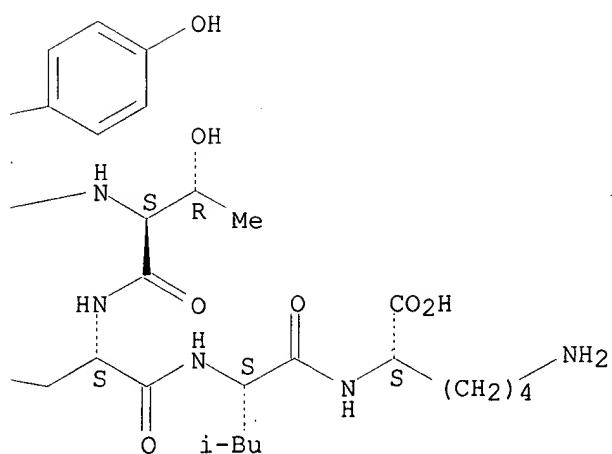
RR 35311-35-1 ACNAMES  
 CN L-Lysine, L-.alpha.-glutamyl-L-leucylglycyl-L-.alpha.-glutamyl-L-histidylglycyl-L-leucyl-L-tyrosyl-L-.alpha.-glutamyl-L-tyrosyl-L-threonyl-L-.alpha.-glutamyl-L-leucyl- (9CI) (CA INDEX NAME)

## Absolute stereochemistry.

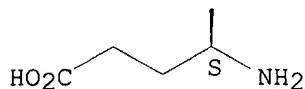
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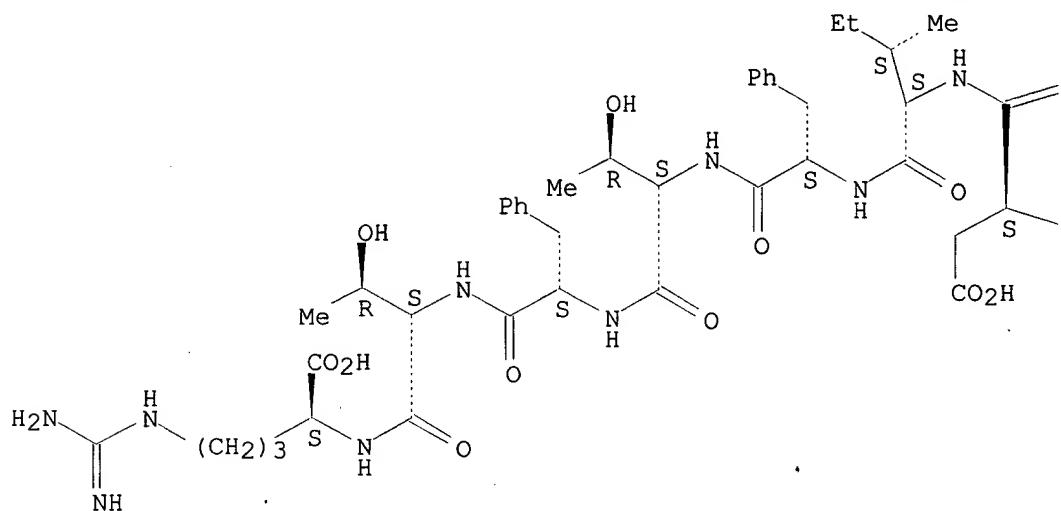


RN 367944-54-5 HCAPLUS  
 CN L-Arginine, L-isoleucyl-L-histidylglycyl-L-glutaminyl-L-threonyl-L-isoleucyl-L-prolyl-L-seryl-L-.alpha.-aspartylglycyl-L-.alpha.-aspartyl-L-

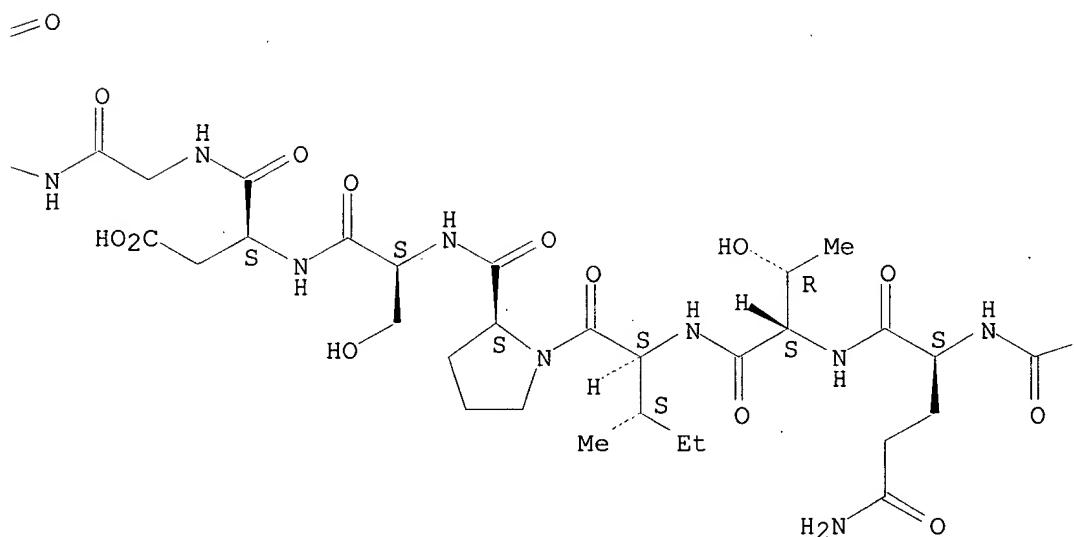
isoleucyl-L-phenylalanyl-L-threonyl-L-phenylalanyl-L-threonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

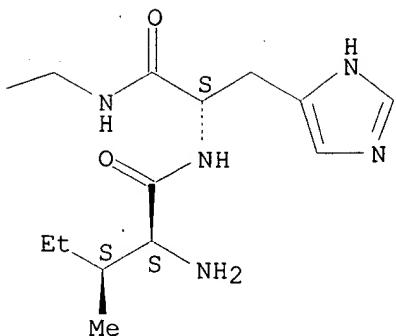
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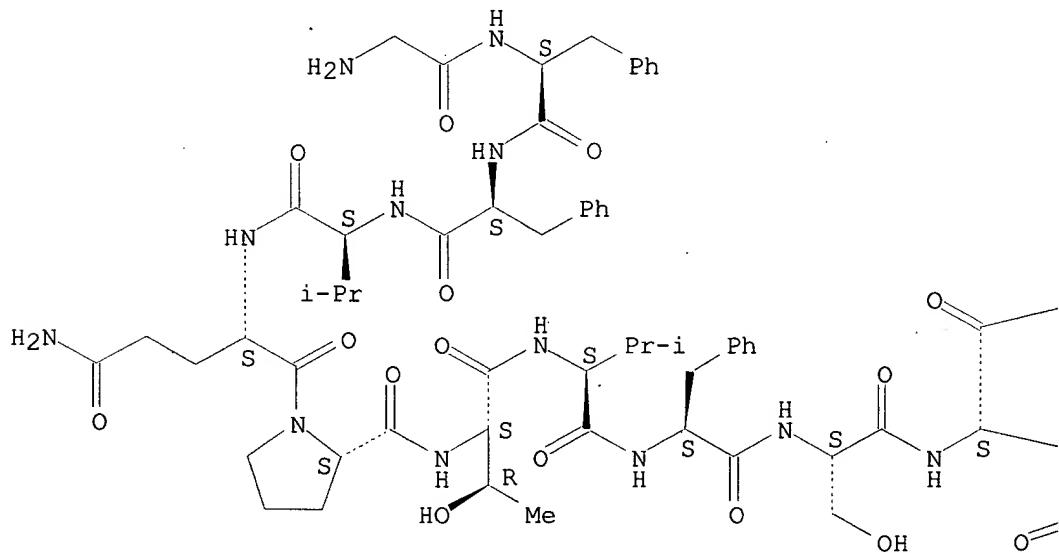


RN 367944-55-6 HCPLUS

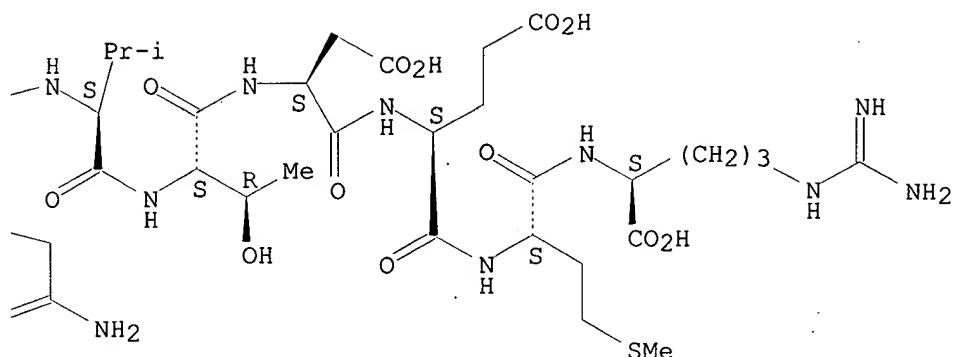
CN L-Arginine, glycyl-L-phenylalanyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-prolyl-L-threonyl-L-valyl-L-phenylalanyl-L-seryl-L-asparaginyl-L-valyl-L-threonyl-L-.alpha.-aspartyl-L-.alpha.-glutamyl-L-methionyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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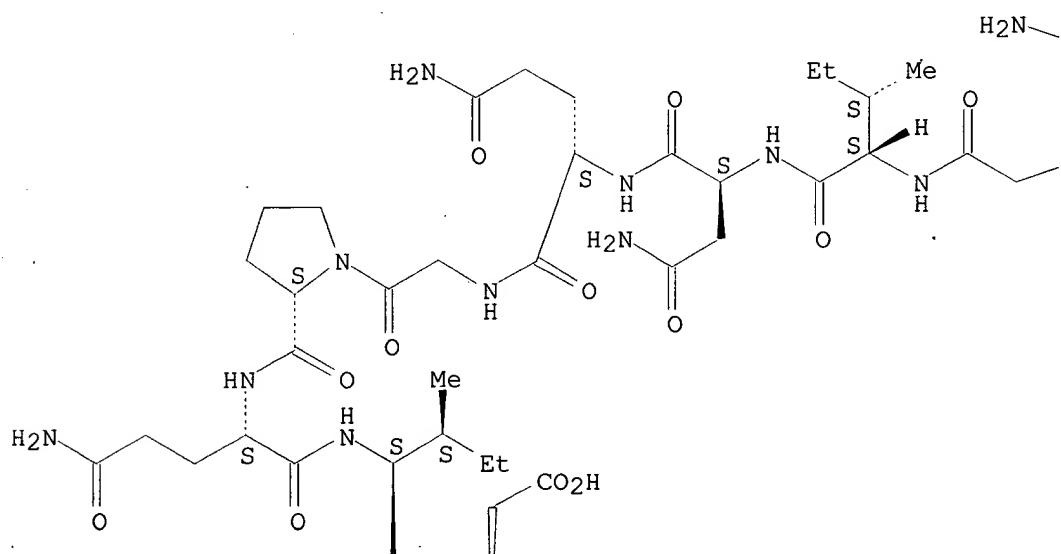


RN 367944-57-8 HCAPLUS

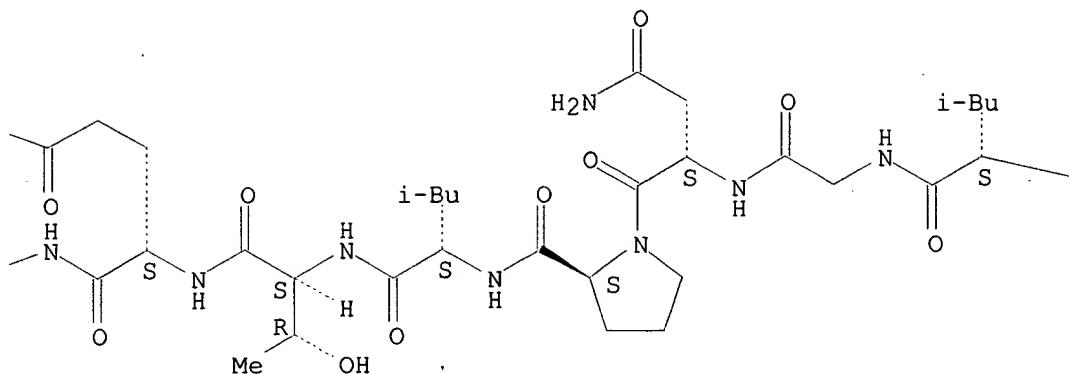
CN L-Lysine, L-tyrosyl-L-valyl-L-leucylglycyl-L-asparaginyl-L-prolyl-L-leucyl-L-threonyl-L-glutaminylglycyl-L-isoleucyl-L-asparaginyl-L-glutaminylglycyl-L-prolyl-L-glutaminyl-L-isoleucyl-L-.alpha.-aspartyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

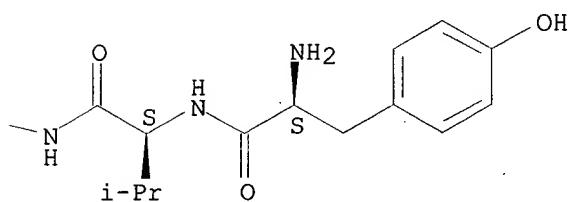
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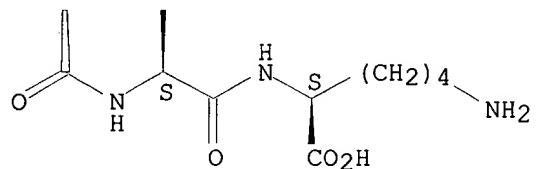
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Epperson 09/836,145

26/08/2003

=> log hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.58	36.19
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-2.60

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 16:37:17 ON 26 AUG 2003